



According to GB/T 16483 and GB/T 17519

GMO Element RuBiSCo Promoter Probe Realtime PCR Kit

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : GMO Element RuBiSCo Promoter Probe Realtime PCR Kit

Product Number :15-GMO0070

Brand :SKYGEN

1.2 Details of the supplier of the safety data sheet

Company : Biofargo, Inc.
1716 E Parham Rd
Richmond, Va, 23228, USA

Telephone :804-529-2296

Email : contact@biofargo.com

1.3 Emergency telephone

Emergency Phone # : 804-529-2296

1.4 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For Research and Development (R&D) use only. Not for pharmaceutical, household, or other uses.

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.



2.4 Health hazards

Based on currently available information no know health hazards.

2.5 Environmental hazards

Based on currently available information no know environmental hazard.

2.6 Other hazards

none

SECTION 3: Composition/information on ingredients

Refer to component SDS

SECTION 4: First aid measures

Refer to component SDS

SECTION 5: Firefighting measures

Refer to component SDS

SECTION 6: Accidental release measures

Refer to component SDS

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces, and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Change contaminated clothing. Wash hands after working with substance.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in a dry and well-ventilated place.

Tightly closed.

Storage stability

Recommended storage temperature

2 - 8 ° C

Storage class

Storage class (TRGS 510): 10: Combustible liquids



SECTION 8: Exposure controls/personal protection

Refer to component SDS

SECTION 9: Physical and chemical properties

Refer to component SDS

SECTION 10: Stability and reactivity

Refer to component SDS

SECTION 11: Toxicological information

Refer to component SDS

SECTION 12: Ecological information

Refer to component SDS

SECTION 13: Disposal considerations

Refer to component SDS

SECTION 14: Transport information**14.1 UN number**

ADR/RID: - IMDG: - IATA-DGR: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA-DGR: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA-DGR: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA-DGR: no

14.6 Special precautions for user**14.7 Incompatible materials****Further information**

Not classified as dangerous in the meaning of transport regulations.



SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : Listed

Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

China Severely Restricted Toxic Chemicals for Import and Export : Listed

Other regulations

Please ensure waste treatment complies with local regulations.

SECTION 16: Other information

Kit Components:

2×Probe qPCR MasterMix	SKYGEN	981201
Template Dilution Buffer	SKYGEN	180701
Primer-Probe Powder	SKYGEN	yp15-GMO0070
Amplification Positive Control (1E7 copies/μL)	SKYGEN	pcGMO0070
Ultrapure water	SKYGEN	210806

Further information

Copyright 2025 SKYGEN, Inc. License granted to make unlimited paper copies for internal use only.

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. SKYGEN, Inc. and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See biofargo.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact contact@biofargo.com



Material Safety Data Sheet

Kit Components:

2 × Probe qPCR MasterMix					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
SKYGEN - 981201					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Template Dilution Buffer					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
SKYGEN - 180701					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Primer-Probe Powder					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
SKYGEN - yp15-GMO0070					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Amplification Positive Control (1E7 copies/μL)					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
SKYGE - pcGMO0070					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Ultrapure water					
Product identifier	Pictogram	Signal Word	Hazard Statements	Precautionary Statements	Supplemental information
SKYGEN - 210806					No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.