SunLong Biotech Co.,LTD
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Recombinant Filaggrin (FLG)

Catalog Number: SIPJ495Mu03 **Spec: 10ug**

Product Name	Recombinant Filaggrin (FLG)
Catalog Number	SIPJ495Mu03
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Tyr153~Ala308
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Original Concentration	1000μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.4
Predicted Molecular Mass	47.0kDa
Accurate Molecular Mass	48/26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

YEQEHSEEESDSQHQHGHQHEQQRGHQHQHQHQHEHEQPESGHRQQQSSGRGHQGAHQEQGRDSARPRGSNQGHSSSRHQADSPRVSA
RSGSGGRGQSPDASGRSSNRRDRPRQPSPSQSSDSQVHSGVQVEAQRGQSSSANRRAGSSSGSGVQGA

[IDENTIFICATION]

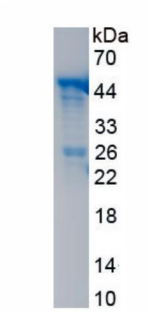


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.