

Recombinant Filaggrin (FLG) Instruction Manual

SIPJ495Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	64.6kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg3049~Ala3361 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	10.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

RG
RSGETSGHSG SFLYQVSTHE QSESSHGWTG PSTRGRQGSR HEQAQDSSRH
SASQYQDITI RGHPGSSRGG RQGYHHEHSV DSSGHS GSHH SHTTSQGRSD
ASRQSGSRS ASRTTRNEEQ SGDSSRHSVS RHHEASTHAD ISRHSQAVQG
QSEGSRRSRR QGSSVSQDSD SEGHSER WSGSASRNHR GSVQEQRHG
SRHPRSHHED RAGHGHSADR SRQSGTRHAE TSSGGQAASS HEQARSSPGE
RHGSRHQQSA DSSRHSGIPR GQASSAVRDS RHWGSSGSQA SDSEGHSEES
DTQSVSGHGQ A

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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

Image

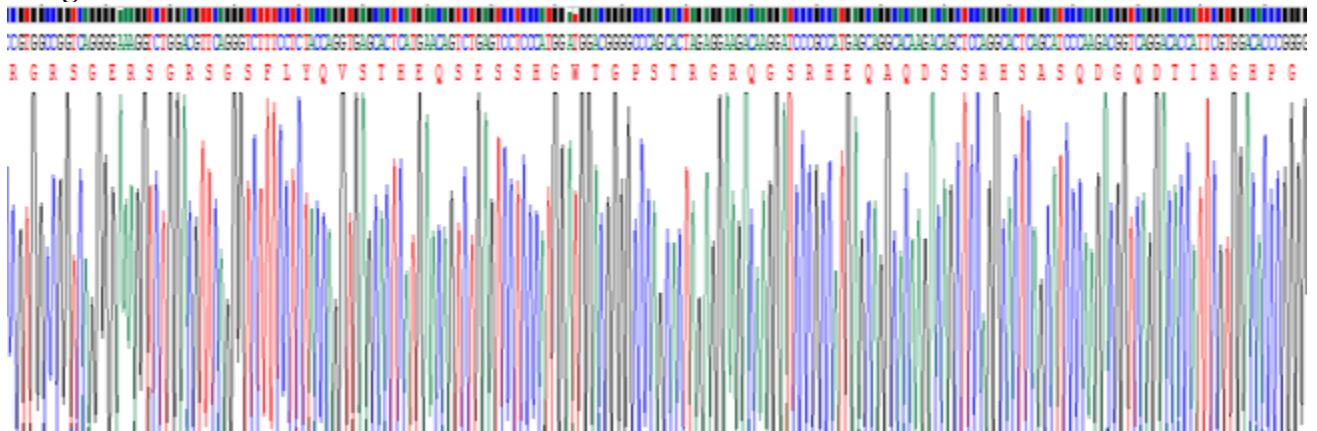


Figure. SDS-PAGE

[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.