

Filaggrin (FLG) Recombinant Protein | FLG recombinant protein

Recombinant Filaggrin (FLG)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133888	E Coli	Homo sapiens (Human)	Immunoprecipitation, ELISA, Western Blot, SDS-Page

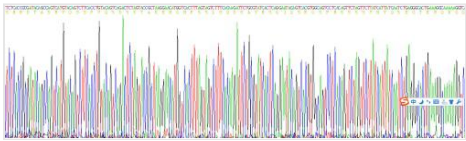
PRODUCT SYNONYMS

Filaggrin (FLG); Recombinant Filaggrin (FLG); FLG recombinant protein

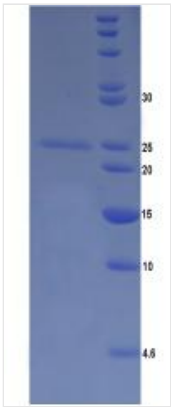
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.05% sarcosyl and preservative.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-SH RDTASHVQSS PVQSDSSTAK EHGHSLSQ DSAYHSGIQS RGSPHSSSSY HYQSEGTERTQ KGQSGLVWRH GSYGSADYDY GESGFRHSQH GSVSYNSNPV VFKEKSDICK ASAFGKDHPR YYATY
Sequence Length	4061
Applicable Applications for FLG recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Expression System	Prokaryotic expression
Residues	Ser3905~Tyr4031 (Accession # P20930) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted isoelectric point	7.0
Predicted Molecular Mass	15.5kDa
Accurate Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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SHRDTA SHVQSSPVQS DSSTAKEHGH FSSLSQDSAY HSGIQSRGSP
HSSSSYHYQS EGTERQKGQS GLVWRHGSGY SADYDYGESG FRHSQHGSVS
YNSNPVVFKE RSDICKASAF GKDHPRYYAT Y
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	60097902
NCBI GeneID	2312
NCBI Accession #	NP_002007.1
NCBI GenBank Nucleotide #	NM_002016.1
UniProt Accession #	P20930; Q01720; Q5T583; Q9UC71
NCBI Official Full Name	filaggrin
NCBI Official Synonym Full Names	filaggrin
NCBI Official Symbol	FLG
NCBI Official Synonym Symbols	ATOD2
NCBI Protein Information	filaggrin; epidermal filaggrin
UniProt Protein Name	Filaggrin
UniProt Gene Name	FLG
UniProt Entry Name	FILA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/flg-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133888>