

Filaggrin 2 (FLG2) Recombinant Protein | FLG2 recombinant protein

Recombinant Filaggrin 2 (FLG2)

CATALOG # AAA134428	HOST E Coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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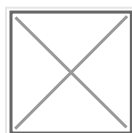
PRODUCT SYNONYMS

Filaggrin 2 (FLG2); Recombinant Filaggrin 2 (FLG2); FLG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thesequenc eofthetarg etprotein i slistedbel ow. ESQ QVESGSTVHG RQETTHGQTI NTTRHSQSGQ GQSTQTGSRV TRRRRSSQSE NSDSEVHSKV SHRHSEHIHT QAGSHYPKSG STVRRRQGTG HGQRGDTTRH GHSGHGQSTQ TGSRTSGRQR FSHSDATDSE VHSGVSHRPH SQEQ
Sequence Length	2391
Applicable Applications for FLG2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Expression System	Prokaryotic expression
Residues	Glu1222~Gln1368 (Accession # Q5D862) with N-terminal His-Tag
Predicted isoelectric point	11.2
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in ddH2O.
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 targetprotein. 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 andprecipitation 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



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	62122917
NCBI GeneID	388698
NCBI Accession #	NP_001014364.1
NCBI GenBank Nucleotide #	NM_001014342.2
UniProt Accession #	Q5D862; Q9H4U1
Molecular Weight	21kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	filaggrin-2
NCBI Official Synonym Full Names	filaggrin family member 2
NCBI Official Symbol	FLG2
NCBI Official Synonym Symbols	IFPS
NCBI Protein Information	filaggrin-2; FLG-2; filaggrin 2; ifapsoriasin; intermediate filament-associated and psoriasis susceptibility protein; intermediate filament-associated and psoriasis-susceptibility protein
UniProt Protein Name	Filaggrin-2
UniProt Gene Name	FLG2
UniProt Synonym Gene Names	IFPS; FLG-2
UniProt Entry Name	FILA2_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/flg2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134428>