

Recombinant Human FLG2 Protein (Glu1222-Gln1368), N-His tagged

Cat. No. FLG2-2633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FLG2 (Glu1222-Gln1368) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu1222-Gln1368
Description	The filaggrin-like protein encoded by this gene is upregulated by calcium, proteolyzed by calpain 1, and is involved in epithelial homeostasis. The encoded protein is required for proper cornification in skin, with defects in this gene being associated with skin diseases. This protein also has a function in skin barrier protection. In fact, in addition to providing a physical barrier, C-terminal fragments of this protein display antimicrobial activity against P. aeruginosa and E. coli.
Molecular Mass	18.47 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

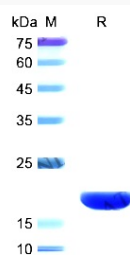
GENE INFORMATION

Gene Name	FLG2 filaggrin family member 2 [Homo sapiens (human)]
Official Symbol	FLG2
Synonyms	IFPS
Gene ID	388698
mRNA Refseq	NM_001014342
Protein Refseq	NP_001014364
MIM	616284
UniProt ID	Q5D862

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SDS-PAGE

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