

Recombinant Human FLG protein, His-SUMO-tagged

Cat. No. FLG-2922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FLG protein(P20930)(3838-4061aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	3838-4061aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.8 kDa
AA Sequence	DSSRHSQSGQGEGESAGSRRSRRQGSSVSQDSDSEAYPEDSERRSESASRNHHGSS REQSRDGSRHGSSHRDTASHVQSSPVQSDSSTAKEHGHFSSLSQDSAYHSGIQS RGSPHSSSSYHYQSEGTERRQKQSGSLVWRHGSYGSDYDYGESGFRHSQHGSV SYNSNPVVFKERSDICKASAFGKDHPRIYATYINKDPGLCGHSSDISKQLGFSQSQR YYYYE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [FLG filaggrin \[Homo sapiens \]](#)

Official Symbol [FLG](#)

Synonyms FLG; filaggrin; epidermal filaggrin; ATOD2;

Gene ID [2312](#)

mRNA Refseq [NM_002016](#)

Protein Refseq [NP_002007](#)

MIM [135940](#)

UniProt ID [P20930](#)

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