

## Recombinant Human FLG protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FLG protein(P20930)(3838-4061aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	3838-4061aa
<b>Form</b>	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.
<b>Molecular Mass</b>	40.8 kDa
<b>AA Sequence</b>	DSSRHSQSGQGESAGSRRSRRQGSSVSQDSDSEAYPEDSERRSEASARNHHGSS REQSRDGSRHPGSSHRDTASHVQSSPVQSDSSTAKEHGHFSSLSQDSAYHSGIQS RGSPHSSSSYHYQSEGTERQKQSGLVWRHGSYGSADYDYGESGFRHSQHGSV SYNSNPVVKERSDICKASAFGKDHPRYATYINKDPGLCGHSSDISKQLGFSQSQR YYYYE
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	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**

<b>Gene Name</b>	FLG filaggrin [ Homo sapiens ]
<b>Official Symbol</b>	FLG
<b>Synonyms</b>	FLG; filaggrin; epidermal filaggrin; ATOD2;
<b>Gene ID</b>	2312
<b>mRNA Refseq</b>	NM_002016
<b>Protein Refseq</b>	NP_002007
<b>MIM</b>	135940
<b>UniProt ID</b>	P20930

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