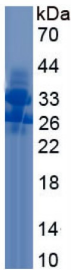
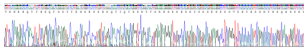


# Human Filaggrin-2 (FLG2) Protein

Catalogue No.:abx167074



SDS-PAGE analysis of Human Filaggrin-2 (FLG2) Protein.



Gene Sequencing extract of Human Filaggrin-2 (FLG2) Protein.

Human Filaggrin-2 Protein is a recombinant Human protein expressed in E. coli.

<b>Target:</b>	Filaggrin-2 (FLG2)
<b>Research Area:</b>	Metabolic Pathways
<b>Origin:</b>	Human
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Host:</b>	E. coli
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 80%

# Datasheet

Version: 3.0.0  
Revision date: 30 Jun 2025



<b>Reconstitution:</b>	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q5D862 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	FLG2
<b>GeneID:</b>	<a href="#">388698</a>
<b>KEGG:</b>	hsa:388698
<b>String:</b>	<a href="#">9606.ENSP00000373370</a>
<b>Molecular Weight:</b>	Calculated MW: 25.0 kDa Observed MW (SDS-PAGE): 33 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none"><li>1. Splice variants. Alternative splicing may create different sized proteins from the same gene.</li><li>2. Relative charge. The composition of amino acids may affect the charge of the protein.</li><li>3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.</li><li>4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.</li><li>5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.</li></ol>
<b>Sequence Fragment:</b>	Val1915-Arg2143
<b>Sequence:</b>	VHKRHHQ TTHGQTGDTT EHGHPHSGQT IQTGSRTTGR RSGHSEYSD SEGPSGVSHT HSGHTHGQAG SHYPESGSSV HERHGTTHGQ TADTTRHGHG GHGQSTQRGS RTTGRRASGH SEYSDSEGHS GVSHTHSGHA HGQAGSQHGE SGSSVHERHG TTHGQTGDTT RHAHSGHGQS TQRGSRTAGR RSGHSESSD SEVHSGVSHT HSGHTYGQAR SQHGESGSAI HGR
<b>Tag:</b>	N-terminal His tag
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 600 µg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.