

Recombinant Human EVPL protein, His & GST-tagged

Cat. No. EVPL-7874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EVPL aa. (Lys3~Met258 (Accession # Q92817)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys3~Met258
Description	This gene encodes a member of the plakin family of proteins that forms a component of desmosomes and the epidermal cornified envelope. This gene is located in the tylosis oesophageal cancer locus on chromosome 17q25, and its deletion is associated with both familial and sporadic forms of oesophageal squamous cell carcinoma. Patients suffering from the autoimmune mucocutaneous disorder, paraneoplastic pemphigus, develop antibodies against the encoded protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	EVPL envoplakin [Homo sapiens (human)]
Official Symbol	EVPL
Synonyms	EVPL; envoplakin; EVPK; 210 kDa cornified envelope precursor protein; 210 kDa paraneoplastic pemphigus antigen
Gene ID	2125
mRNA Refseq	NM_001320747.1
Protein Refseq	NP_001307676.1

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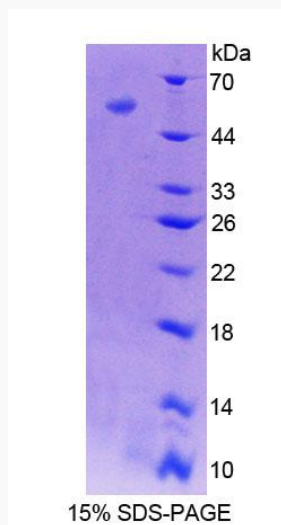
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UniProt ID

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SDS-PAGE

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