

Recombinant Human EVPL protein, GST-tagged

Cat. No. EVPL-3710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EVPL protein(340-690 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	340-690 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	EEADSVSQTAKLNSNLDAKYSPAPGGPPGAPTELLQQLEAEEKRLAVTERATGDL QRRSRDVAPLPQRRNPPQQPLHVDSICDWDSGEVQLLQGERYKLVNDTPHAWV VQGPGETKRAPAACFCIPAPDPDAVARASRLASELQALKQKLATVQSRLKASAVE SLRPSQQAPSGSDLANPQAQKLLTQMTRLGDGLGQIERQVLAWARAPLSRPTPLED LEGRIHSHEGTAQRLQSLGTEKETAKKECEAFLSTRPVGPAALQLPVALNSVKNKFS DVQVLCSLYGEKAKAALDLERQIQDADRVIRGFEATLVQEAPIPAEPGALQERVSEL QRQRRELLEQQTCVL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name EVPL envoplakin [Homo sapiens]

Official Symbol EVPL

Synonyms EVPL; envoplakin; EVPK; p210; 210 kDa paraneoplastic pemphigus antigen; 210 kDa cornified envelope precursor protein;

Gene ID 2125

mRNA Refseq NM_001988

Protein Refseq NP_001979

MIM 601590

UniProt ID Q92817

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