

## Recombinant Human EVPL protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EVPL protein(340-690 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 340-690 aa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                                                                                         |
| <b>AA Sequence</b>      | EEADSVSQTAKLNSNLDAKYSPAPGGPPGAPTELLQQLEAEEKRLAVTERATGDL<br>QRRSRDVAPLPQRRNPPQQPLHVDSICDWDSGEVQLLQGERYKLVNDTPHAWV<br>VQGPGETKRAPAACFCIPAPDPDAVARASRLASELQALKQKLATVQSRLKASAVE<br>SLRPSQQAPSGSDLANPQAQKLLTQMTRLGDGLGQIERQVLAWARAPLSRPTPLED<br>LEGRIHSHEGTAQRLQSLGTEKETAQKECEAFLSTRPVGPAALQLPVALNSVKNKFS<br>DVQVLCSLYGEKAKAALDLERQIQDADRVIRGFEATLVQEAPIPAEPGALQERVSEL<br>QRQRRELLEQQTCVL |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>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  $\mu\text{g}/\mu\text{l}$  in 200  $\mu\text{l}$  sterile water for short-term storage.  
Reconstitution with 200  $\mu\text{l}$  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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