

## Recombinant Human EMP2 protein, His-tagged

Cat. No. EMP2-3272H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EMP2 protein(27-142 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 27-142 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, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Purity</b>           | 85%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.                                                                                                               |

### GENE INFORMATION

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|------------------------|-----------------------------------------------------------|
| <b>Gene Name</b>       | EMP2 epithelial membrane protein 2 [ Homo sapiens ]       |
| <b>Official Symbol</b> | EMP2                                                      |
| <b>Synonyms</b>        | EMP2; epithelial membrane protein 2; XMP; EMP-2; MGC9056; |
| <b>Gene ID</b>         | 2013                                                      |
| <b>mRNA Refseq</b>     | NM_001424                                                 |
| <b>Protein Refseq</b>  | NP_001415                                                 |
| <b>MIM</b>             | 602334                                                    |
| <b>UniProt ID</b>      | P54851                                                    |

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