

# Recombinant Human TMEM106B Protein, GST-tagged

**Cat. No.** TMEM106B-33H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TMEM106B Protein(1-46 aa), fused with GST tag, was expressed in E. coli.                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-46 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>      | MGKSLSHLPLHSSKEDAYDGVTSENMRNGLVNSEVHNEDGRNGDVS                                                                                                                                                                                                                               |
| <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 µg/µl in 200 µl sterile water for short-term storage.<br>Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.                                                                                                       |

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**GENE INFORMATION**

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| <b>Gene Name</b>       | TMEM106B transmembrane protein 106B [ Homo sapiens ]     |
| <b>Official Symbol</b> | TMEM106B                                                 |
| <b>Synonyms</b>        | TMEM106B; transmembrane protein 106B; FLJ11273; MGC33727 |
| <b>Gene ID</b>         | 54664                                                    |
| <b>mRNA Refseq</b>     | NM_001134232                                             |
| <b>Protein Refseq</b>  | NP_001127704                                             |
| <b>MIM</b>             | 613413                                                   |
| <b>UniProt ID</b>      | Q9NUM4                                                   |

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