

## Recombinant Human GPR75 Protein(Met1-Thr46), mFc-tagged

**Cat. No.** GPR75-41H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GPR75 Protein(Met1-Thr46)(O95800), fused with C-terminal mFc tag, was expressed in HEK293.                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                |
| <b>ProteinLength</b>    | Met1-Thr46                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.                                                                      |
| <b>Bio-activity</b>     | ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GPR75 Protein, mFc Tag can bind Anti-GPR75 antibody, IgG1 Chimeric mAb in a linear range of 16–400 ng/mL.                       |
| <b>Molecular Mass</b>   | The protein has a predicted molecular mass of 31.1 kDa after removal of the signal peptide. The apparent molecular mass of GPR75-mFc is approximately 35-55 kDa due to glycosylation. |
| <b>Purity</b>           | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Storage</b>          | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing          |

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and thawing). Lyophilized proteins are shipped at ambient temperature.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** GPR75 G protein-coupled receptor 75 [ Homo sapiens ]

**Official Symbol** GPR75

**Synonyms** GPR75; G protein-coupled receptor 75; probable G-protein coupled receptor 75; WI 31133; GPRchr2; WI31133; MGC132002;

**Gene ID** 10936

**mRNA Refseq** NM\_006794

**Protein Refseq** NP\_006785

**MIM** 606704

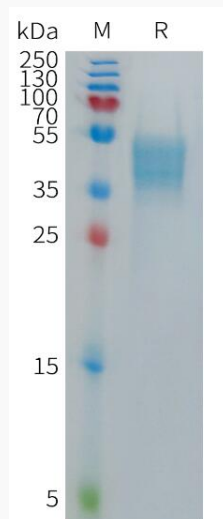
**UniProt ID** O95800

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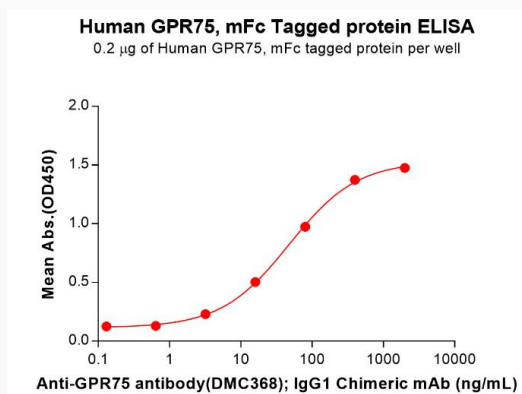
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## SDS-PAGE



## ELISA



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