

# Active GMP Recombinant Human TNFSF4 protein, Fc-tagged

**Cat. No.** TNFSF4-880HG    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GMP Recombinant Human TNFSF4 protein(NP_003317.1)(364 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines. |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                  |
| <b>ProteinLength</b>    | DNA sequence encoding Human OX40 ligand(NCBI Reference Sequence: NP_003317.1) was expressed with Fc tag at the C-terminal.                                                              |
| <b>Form</b>             | Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.                                                                                                                     |
| <b>Bio-activity</b>     | The linear range of immobilized Human OX40(His Tag) at 5g/mL(100 uL/well) that can bind to OX40 Ligand (Fc Tag) is 5-53 ng/mL.                                                          |
| <b>Molecular Mass</b>   | Recombinant Human TNFSF4 protein contains 364 aa. It has a predicted MW of 42.4 kDa.                                                                                                    |
| <b>Endotoxin</b>        | <0.1EU/ug                                                                                                                                                                               |
| <b>Purity</b>           | >=95% by SDS-PAGE and HPLC                                                                                                                                                              |
| <b>Storage</b>          | The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing                  |

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**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**

|                  |                                                                              |
|------------------|------------------------------------------------------------------------------|
| <b>Gene Name</b> | TNFSF4 tumor necrosis factor (ligand) superfamily, member 4 [ Homo sapiens ] |
|------------------|------------------------------------------------------------------------------|

|                        |        |
|------------------------|--------|
| <b>Official Symbol</b> | TNFSF4 |
|------------------------|--------|

|                 |                                                |
|-----------------|------------------------------------------------|
| <b>Synonyms</b> | OX40L; TNFSF4; CD252; Glycoprotein Gp34; TXGP1 |
|-----------------|------------------------------------------------|

|                |      |
|----------------|------|
| <b>Gene ID</b> | 7292 |
|----------------|------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_003326 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_003317 |
|-----------------------|-----------|

|            |        |
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| <b>MIM</b> | 603594 |
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| <b>UniProt ID</b> | P23510 |
|-------------------|--------|

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