

# Recombinant Mouse Tnfsf14 Protein

**Cat. No.** Tnfsf14-147M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of Mouse tumor necrosis factor (ligand) superfamily, member 14 (Tnfsf14) without tag was expressed in E.coli.                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                             |
| <b>Description</b>      | Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFkB and stimulates the proliferation of T-cells.                                     |
| <b>Molecular Mass</b>   | 20.1 kDa                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MRLHQRLGDIVAHLPDGGKGSWEKLIQDQRSHQANPAAHLTGANASLIGIGGPLLW<br>ETRLGLAFLRGLTYHDGALVTMEPGYYYVYSKVQLSGVGCPQGLANGLPITHGLYK<br>RTSRYPKLELLVSRRSPCGRANSSRVWWDSSFLGGVVHLEAGEEVVVRVPGNRL<br>VRPRDGTRSYFGAFMV |
| <b>Endotoxin</b>        | Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)                                                                                                                                                |
| <b>Purity</b>           | >95%, as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                        |
| <b>Stability</b>        | Stable for at least 6 months from date of receipt under proper storage and handling conditions.                                                                                                    |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                                                                           |

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|                       |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| <b>Storage Buffer</b> | Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2 |
|-----------------------|-----------------------------------------------------------------------------------------|

|                       |                                                                      |
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| <b>Reconstitution</b> | Resuspend the protein in the desired concentration in proper buffer. |
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## GENE INFORMATION

|                  |                                                                                              |
|------------------|----------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | Tnfsf14 tumor necrosis factor (ligand) superfamily, member 14 [ Mus musculus (house mouse) ] |
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|                        |         |
|------------------------|---------|
| <b>Official Symbol</b> | Tnfsf14 |
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|                 |                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | Tnfsf14; tumor necrosis factor (ligand) superfamily, member 14; LTg; HVEM-L; LIGHT; Ly113; HVEM-L; Tnlg1d; |
|-----------------|------------------------------------------------------------------------------------------------------------|

|                |       |
|----------------|-------|
| <b>Gene ID</b> | 50930 |
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| <b>mRNA Refseq</b> | NM_019418 |
|--------------------|-----------|

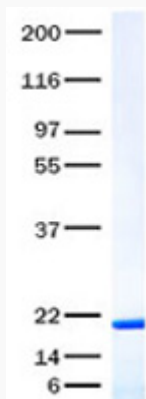
|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_062291 |
|-----------------------|-----------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9QYH9 |
|-------------------|--------|

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