

# Recombinant Mouse TNFRSF9 protein, His-tagged

**Cat. No.** TNFRSF9-2837M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse TNFRSF9 protein(NP_001070976.1)(Val24-Leu211), fused with C-terminal His tag, was expressed in HEK293.                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                             |
| <b>ProteinLength</b>    | Val24-Leu211                                                                                                                                                                       |
| <b>Tag</b>              | C-His                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                                     |
| <b>Bio-activity</b>     | Immobilized Mouse 4-1BB, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human 4-1BB Ligand (Trimer), hFc Tag with the EC50 of 0.51µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 21.2 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.                                                 |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                            |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                                                  |

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| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                                                                                                                                    |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | Tnfrsf9 tumor necrosis factor receptor superfamily, member 9 [ <i>Mus musculus</i> ]                                                                                                                                                                                        |
| <b>Official Symbol</b>  | TNFRSF9                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>         | TNFRSF9; tumor necrosis factor receptor superfamily, member 9; tumor necrosis factor receptor superfamily member 9; CD137 antigen; T-cell antigen 4-1BB; 4-1BB ligand receptor; secreted CD137 antigen; ILA; Ly63; 4-1BB; Cd137; CDw137; AA408498; AI325004; A930040I11Rik; |
| <b>Gene ID</b>          | 21942                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_001077508                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_001070976                                                                                                                                                                                                                                                                |