

## Active Recombinant Human TNFRSF9 protein, mFc-tagged

**Cat. No.** TNFRSF9-343H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human TNFRSF9 protein(Q07011) is produced by our Mammalian expression system and the target gene encoding Leu24-Gln186 is expressed with a mouse IgG1 Fc tag at the C-terminus.                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 24-186 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                      |
| <b>Bio-activity</b>     | Loaded Human 4-1BBL-His-Flag on HIS1K Biosensor, can bind Human 4-1BB-mFc with an affinity constant of 5.91 nM as determined in BLI assay.                                                                                       |
| <b>Molecular Mass</b>   | 43.9 KDa                                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | < 1 EU/g as determined by LAL test.                                                                                                                                                                                              |
| <b>Purity</b>           | Greater than 90% as determined by reducing SDS-PAGE.                                                                                                                                                                             |
| <b>Storage</b>          | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |

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**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**GENE INFORMATION**

**Gene Name** TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [ Homo sapiens ]

**Official Symbol** TNFRSF9

**Synonyms**

TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; tumor necrosis factor receptor superfamily member 9; 4 1BB; CD137; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63; 4-1BB; CDw137; MGC2172; FLJ43501;

**Gene ID** 3604

**mRNA Refseq** NM\_001561

**Protein Refseq** NP\_001552

**MIM** 602250

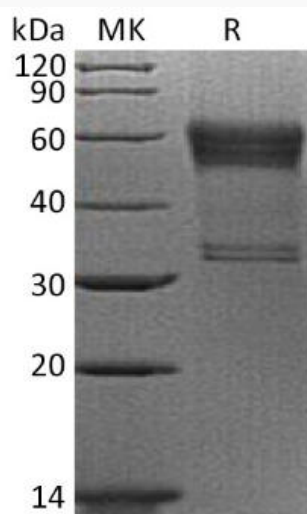
**UniProt ID** Q07011

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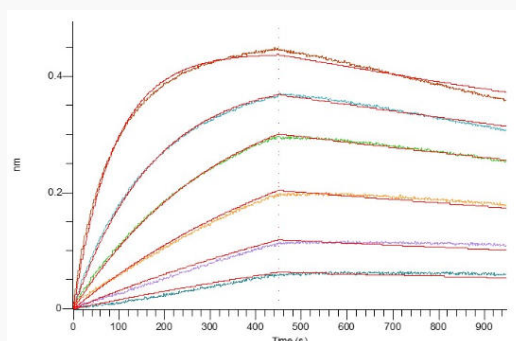
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## SDS-PAGE



## BLI



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