

## Recombinant Mouse Tnfrsf1a protein(Met1-Ala212), His-tagged

Cat. No. Tnfrsf1a-3306M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TNFRSF1A (NP_035739.2) (Met 1-Ala 212) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-212 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA. 2. Immobilized human TNF $\alpha$ at 10 $\mu$ g/mL (100 $\mu$ l/well) can bind biotinylated mouse TNFRSF1A-his. The EC <sub>50</sub> of biotinylated mouse TNFRSF1A-his is 0.28 $\mu$ g/mL. 3. Immobilized mouse TNF $\alpha$ at 10 $\mu$ g/mL (100 $\mu$ l/well) can bind biotinylated mouse TNFRSF1A-his. The EC <sub>50</sub> of biotinylated mouse TNFRSF1A-his is 0.13 $\mu$ g/mL.
<b>Molecular Mass</b>	The secreted recombinant mouse TNFRSF1A consists of 194 amino acids and has a predicted molecular mass of 21.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm TNFRSF1A is approximately 35 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method

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<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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>	<a href="#">Tnfrsf1a tumor necrosis factor receptor superfamily, member 1a [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Tnfrsf1a</a>
<b>Synonyms</b>	TNFRSF1A; tumor necrosis factor receptor superfamily, member 1a; tumor necrosis factor receptor superfamily member 1A; p60; TNF-RI; TNFR-I; TNF-alpha-R1; TNF receptor alpha chain; tumor necrosis factor receptor 1; tumor necrosis factor receptor type I; FPF; p55; TNF-R; TNFAR; TNFRI; Tnfr1; p55-R; CD120a; TNF-R1; TNFR60; Tnfr-2; TNF-R-I; TNF-R55; TNFRp55; TNF-alphaR1; TNFalpha-R1;
<b>Gene ID</b>	<a href="#">21937</a>
<b>mRNA Refseq</b>	<a href="#">NM_011609</a>
<b>Protein Refseq</b>	<a href="#">NP_035739</a>

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