

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

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

SPECIFICATION

Product Overview	Recombinant Mouse TNFRSF1A (NP_035739.2) (Met 1-Ala 212) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-212 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized human TNFa at 10 µg/mL (100 µl/well) can bind biotinylated mouse TNFRSF1A-his. The EC50 of biotinylated mouse TNFRSF1A-his is 0.28 µg/mL. 3. Immobilized mouse TNFa at 10 µg/mL (100 µl/well) can bind biotinylated mouse TNFRSF1A-his. The EC50 of biotinylated mouse TNFRSF1A-his is 0.13 µg/mL.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 96 % as determined by SDS-PAGE
Storage	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.
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

Gene Name	Tnfrsf1a tumor necrosis factor receptor superfamily, member 1a [Mus musculus]
Official Symbol	Tnfrsf1a
Synonyms	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;
Gene ID	21937
mRNA Refseq	NM_011609
Protein Refseq	NP_035739

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA