

Recombinant Mouse TNFSF12 protein(Arg105-His249), rFc-tagged

Cat. No. TNFSF12-810M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF12 (NP_035744.1) (Arg105-His249) was expressed in HEK293 with the Fc region of Rabbit IgG at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Arg105-His249
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	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED50 for this effect is typically 10-50 ng/mL.
Molecular Mass	The recombinant mouse TNFSF12 consists of 396 amino acids and predicts a molecular mass of 43.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 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

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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 Tnfsf12 tumor necrosis factor (ligand) superfamily, member 12 [*Mus musculus*]

Official Symbol TNFSF12

Synonyms TNFSF12; tumor necrosis factor (ligand) superfamily, member 12; tumor necrosis factor ligand superfamily member 12; TNF-related weak inducer of apoptosis; Dr3l; Apo3l; Dr3lg; Tweak;

Gene ID 21944

mRNA Refseq NM_011614

Protein Refseq NP_035744

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