

Active Recombinant Rat TNFSF12 protein, hFc-tagged

Cat. No. TNFSF12-0261R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TNFSF12 protein(NP_001001513.2)(Arg105-His249), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	105-249 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Fc-rat TNFSF12 at 10 µg/ml (100 µl/well) can bind biotinylated human Fc-TNFRSF12A, The EC50 of biotinylated human Fc-TNFRSF12A is 0.12-0.28 µg/ml.
Molecular Mass	The recombinant rat TNFSF12 comprises 405 amino acids and predicts a molecular mass of 44.4 kDa. The apparent molecular mass of the recombinant protein is approximately 49 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Proteinlength	Arg105-His249
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 85 % 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	Tnfsf12 tumor necrosis factor ligand superfamily member 12 [Rattus norvegicus]
Official Symbol	TNFSF12
Synonyms	TNFSF12; tumor necrosis factor ligand superfamily member 12; TNF-related weak inducer of apoptosis; TWEAK;
Gene ID	360548
mRNA Refseq	NM_001001513
Protein Refseq	NP_001001513

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