

Active Recombinant Rat TNFSF4 protein, His-tagged

Cat. No. TNFSF4-6204R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TNFSF4 protein(Gln 49 - Leu 199), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln 49 - Leu 199
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Rat OX40, Fc Tag at 2 µg/mL (100 µL/well) can bind Rat OX40 Ligand, His Tag with a linear range of 20-78 ng/mL. Immobilized Rat OX40 Ligand, His Tag at 2 µg/mL (100 µL/well) can bind Rat OX40, Fc Tag with a linear range of 0.2-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 53.8 kDa. The protein migrates as 58-68 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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 Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [*Rattus norvegicus*]

Official Symbol TNFSF4

Synonyms TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tumor necrosis factor ligand superfamily member 4; OX40 ligand; Ox40l;

Gene ID 89814

mRNA Refseq NM_053552

Protein Refseq NP_446004

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