

Active Recombinant Rat TNFRSF17 protein, His-tagged

Cat. No. TNFRSF17-2921R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TNFRSF17 protein(Met 1-Thr 49), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met 1-Thr 49
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human BAFF, Fc Tag, active trimer at 5 µg/mL (100 µL/well) can bind Rat BCMA, His Tag with a linear range of 0.039-0.625 µg/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Anti-BCMA Neutralizing Antibody, Mouse IgG1 with a linear range of 0.2-5 ng/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Mouse BAFF, Mouse IgG2a Fc Tag, low endotoxi with a linear range of 0.2-10 ng/mL. Immobilized Rat BCMA, His Tag at 5 µg/mL (100 µL/well) can bind Human APRIL, Fc Tag with a linear range of 0.2-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 7.6 kDa. The protein migrates as 10-15 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [Rattus norvegicus]
Official Symbol	TNFRSF17
Synonyms	TNFRSF17; tumor necrosis factor receptor superfamily, member 17; tumor necrosis factor receptor superfamily member 17;
Gene ID	287034
mRNA Refseq	NM_001105761
Protein Refseq	NP_001099231

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