

Recombinant Rat Tnfrsf17, Fc-tagged

Cat. No. Tnfrsf17-7442R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnfrsf17 (D3ZKQ8) (Met1-Thr49), fused with the Fc region of human IgG1 at the N-terminus, was expressed in human cells.
Species	Rat
Source	Human Cells
ProteinLength	1-49 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
Molecular Mass	The recombinant Rat TNFRSF17/Fc is a disulfide-linked homodimer. The reduced monomer comprises 309 amino acids and has a predicted molecular mass of 34 kDa. The apparent molecular mass of the protein is approximately 40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 99 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage	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	A hardcopy of COA with reconstitution instruction is sent along with the products.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Tnfrsf17 tumor necrosis factor receptor superfamily, member 17 [Rattus norvegicus (Norway rat)]
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
Chromosome Location	10q11
Pathway	Cytokine-cytokine receptor interaction; Intestinal immune network for IgA production

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Function

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