

Active Recombinant Rat TNFRSF13C protein(Ser10-Ala71), hFc-tagged

Cat. No. TNFRSF13C-316R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TNFRSF13C (XP_576316.2) (Ser10-Ala71) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Ser10-Ala71
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	Immobilized human BAFF at 10 µg/ml (100 µl/well) can bind Rat TNFRSF13C-Fc, The EC50 of Rat TNFRSF13C-Fc is 0.02-0.06 µg/ml.
Molecular Mass	The recombinant Rat TNFRSF13C/Fc is a disulfide-linked homodimer. The reduced monomer comprises 303 amino acids and has a predicted molecular mass of 33.8 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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.
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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.
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GENE INFORMATION

Gene Name	Tnfrsf13c tumor necrosis factor receptor superfamily, member 13c [Rattus norvegicus]
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Official Symbol	TNFRSF13C
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Synonyms	TNFRSF13C; tumor necrosis factor receptor superfamily, member 13c; RGD1560810;
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Gene ID	500910
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