

Active Recombinant Cynomolgus TNFSF13B protein(Ala134-Leu285), hFc-tagged

Cat. No. TNFSF13B-3248C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TNFSF13B (F7H548) (Ala134-Leu285) was expressed in HEK293 with the Fc region of Human IgG1 at the N-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Ala134-Leu285
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	1. Immobilized Cynomolgus Fc-TNFSF13B at 10 µg/ml (100 µl/well) can bind biotinylated Cynomolgus TNFRSF17-Fc, the EC50 of biotinylated Cynomolgus TNFRSF17-Fc is 4.5-10.5 ng/ml. 2. Measured in a cell proliferation assay using mouse splenocytes. The ED50 for this effect is typically 1-6 ng/mL.
Molecular Mass	The recombinant cynomolgus TNFSF13B is a disulfide-linked homodimer. The reduced monomer comprises 412 amino acids and has a calculated molecular mass of 45.5 KDa. The apparent molecular mass of the protein is approximately 47 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 95 % 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.

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