

Active Recombinant Cynomolgus TNFSF13 protein, His-Flag-tagged

Cat. No. TNFSF13-2884C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TNFSF13 protein(Gln 111-Leu 250), fused with His and Flag tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln 111-Leu 250
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus APRIL, His,Flag Tag at 1 µg/mL (100 µL/well) can bind Human TACI (R119A, R122A), Fc Tag with a linear range of 2-13 ng/mL.Immobilized Cynomolgus APRIL, His,Flag Tag at 1 µg/mL (100 µL/well) can bind Human BCMA, Fc Tag (HPLC verified) with a linear range of 0.1-1 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by a flag tag.The protein has a calculated MW of 50.4 kDa. The protein migrates as 55-65 kDa under reducing (R) 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. >90% as determined by SEC-MALS.

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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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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