

# Active Recombinant Cynomolgus TNFSF13 protein, His-Flag-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus TNFSF13 protein(Gln 111-Leu 250), fused with His and Flag tag, was expressed in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 111-Leu 250
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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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