

Active Recombinant Human TNFSF13 protein, Fc-tagged

Cat. No. TNFSF13-2885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13 protein(Gln 111-Leu 250), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 111-Leu 250
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human BCMA, Mouse IgG2a Fc Tag at 5 µg/mL (100 µL/well) can bind Human APRIL, Fc Tag with a linear range of 0.4-3 ng/mL. Immobilized Human APRIL, Fc Tag at 2 µg/mL (100 µL/well) can bind Human BCMA, Mouse IgG2a Fc Tag with a linear range of 0.4-3 ng/mL. Immobilized Human APRIL, Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human TACI, Fc, Avitag with a linear range of 5-78 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 74.5 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFSF13 tumor necrosis factor (ligand) superfamily, member 13 [Homo sapiens]
Official Symbol	TNFSF13
Synonyms	TNFSF13; tumor necrosis factor (ligand) superfamily, member 13; tumor necrosis factor ligand superfamily member 13; APRIL; CD256; a proliferation-inducing ligand; tumor necrosis factor-like protein ZTNF2; tumor necrosis factor-related death ligand-1; TNF- and APOL-related leukocyte expressed ligand 2; TALL2; ZTNF2; TALL-2; TRDL-1; FLJ57090; UNQ383/PRO715;
Gene ID	8741
mRNA Refseq	NM_001198622
Protein Refseq	NP_001185551
MIM	604472

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UniProt ID

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