

Active Recombinant Human TNFSF13 protein, His-Flag-tagged

Cat. No. TNFSF13-26H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13 protein(Gln 111 - Leu 250), fused with His-Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 111 - Leu 250
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human BCMA, Fc Tag at 2 µg/mL (100 µL/well) can bind Human APRIL Protein, His,Flag Tag with a linear range of 10-39 ng/mL.Immobilized Human APRIL Protein, His,Flag Tag at 1 µg/mL (100 µL/well) can bind Human TACI Protein, Fc Tag with a linear range of 0.8-25 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by a flag tagThe protein has a calculated MW of 50.2 kDa. The protein migrates as 50-55 kDa under non-reducing (NR) 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.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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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.

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

UniProt ID O75888

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