

Active Recombinant Human TNFRSF13B Protein, Fc-Avi-tagged, Biotinylated

Cat. No. TNFRSF13B-694H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human TACI, Fc Tag, Avi Tag is expressed from HEK293 cells. It contains AA Ser 2 - Thr 166 (Accession # O14836-1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Human
Source	HEK293
ProteinLength	2-166 a.a.
Predicted N Terminal	Ser 2
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human BAFF, Fc Tag at 2 ug/mL (100 uL/well) can bind Biotinylated Human TACI, Fc Tag, Avi Tag with a linear range of 1.2-39 ug/mL.
Molecular Mass	The protein has a calculated MW of 46.8 kDa. The protein migrates as 33-40 kDa and 47-50 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TNFRSF13B tumor necrosis factor receptor superfamily, member 13B [Homo sapiens]
Official Symbol	TNFRSF13B
Synonyms	TNFRSF13B; tumor necrosis factor receptor superfamily, member 13B; tumor necrosis factor receptor superfamily member 13B; CD267; TACI; tumor necrosis factor receptor 13B; transmembrane activator and CAML interactor; CVID; CVID2; TNFRSF14B; FLJ39942; MGC39952; MGC133214;
Gene ID	23495
mRNA Refseq	NM_012452

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Protein Refseq	NP_036584
MIM	604907
UniProt ID	O14836

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