

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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