

Recombinant Human TNFRSF13B, His-tagged

Cat. No. TNFRSF13B-7545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF13B protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-165aa
Antigen Description	TNFRSF13B, also known as TACI, is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system. It was originally discovered because of its ability to interact with calcium-modulator and cyclophilin ligand (CAML). It was later found to play a crucial role in humoral immunity by interacting with two members of the TNF family. It controls T cell-independent B cell antibody responses, isotype switching, and B cell homeostasis.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	20.9 kDa(188aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSM SGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE QYWDPLLGT C MSCKTICNHQ SQRTCAAFCR SLSCRKEQGK FYDHLLRDCI SCASICGQHP KQCAYFCENK LRSPVNLPE LRRQRSGEVE NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYS

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Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

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
Protein Refseq	NP_036584
MIM	604907
UniProt ID	O14836

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Chromosome Location	17p11.2
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; Primary immunodeficiency, organism-specific biosystem; Primary immunodeficiency, conserved biosystem; Syndecan-2-mediated signaling events, organism-specific biosystem;
Function	protein binding; receptor activity;

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