

## Recombinant Human TNFRSF13B, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFRSF13B protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-165aa
<b>Antigen Description</b>	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.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
<b>Molecular Mass</b>	20.9 kDa(188aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSM SGLGRS RRGGRSRVDQ EERFPQGLWT GVAMRSCPEE QYWDPLLGTC MSCKTICNHQ SQRTCAAFCR SLSCRKEQ GK FYDHLRLDCI SCASICGQHP KQCAYFCENK LRSPVNLPEE LRRQRSGEVE NNSDNSGRYQ GLEHRGSEAS PALPGLKLSA DQVALVYS

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<b>Purity</b>	>90% as determined by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF13B tumor necrosis factor receptor superfamily, member 13B [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF13B
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">23495</a>
<b>mRNA Refseq</b>	<a href="#">NM_012452</a>
<b>Protein Refseq</b>	<a href="#">NP_036584</a>
<b>MIM</b>	<a href="#">604907</a>
<b>UniProt ID</b>	<a href="#">O14836</a>

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<b>Chromosome Location</b>	17p11.2
<b>Pathway</b>	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;
<b>Function</b>	protein binding; receptor activity;

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