

Recombinant Human TNFRSF13B, Fc-tagged

Cat. No. TNFRSF13B-2095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF13B along with FC tag is expressed in <i>HEK 293</i> cells. The molecular weight of the recombinant mouse Tnfsf4 is 45.2 kDa. In SDS-PAGE, the recombinant TACI/Fc preparation showed an approximately 51 kDa band and an approximately 40 kDa doublet. The presence of multiple bands in the preparation is likely the result of heterogenous glycosylation.
Species	Human
Source	HEK293
Description	Transmembrane activator & calcium modulator and cyclophilin ligand (CAML) interactor (TACI) is lymphocyte specific member of the tumor necrosis factor-receptor superfamily and is expressed in B-lymphocytes and may act to regulate humoral immunity. TACI also serves as a receptor for B-cell activating factor of the TNF family (BAFF) and as a proliferation-inducing ligand (APRIL).
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<0.1 ng per 1 g as determined by the LAL method.
Biological Activity	The biological activity of Human Transmembrane Activator and CAML Interactor is determined by its ability to block human BAFF induced T2B cell survival assay using a concentration range of 1.0-3.0 ug/ml.
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	TNFRSF13B tumor necrosis factor receptor superfamily, member 13B [Homo sapiens]
Synonyms	TNFRSF13B; tumor necrosis factor receptor superfamily, member 13B; CVID; TACI; CD267; FLJ39942; MGC39952; MGC133214; TNFRSF14B; Tumor necrosis factor receptor superfamily member 13B; Transmembrane activator and CAML interactor; OTTHUMP00000065442; CD267 antigen; tumor necrosis factor receptor 13B
Gene ID	23495
mRNA Refseq	NM_012452
Protein Refseq	NP_036584
MIM	604907
UniProt ID	O14836
Chromosome Location	17p11.2
Pathway	Cytokine-cytokine receptor interaction; Primary immunodeficiency
Function	protein binding; receptor activity

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