HuPro®

TNFRSF13B (Human) Recombinant Protein

Catalog # H00023495-H03 Size 25 ug

Specification

Product Description	Purified TNFRSF13B (NP_036584.1 2 a.a. - 165 a.a.) human recombinant protein with His-Flag-Strepll tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293H cells
Sequence	SGLGRSRRGGRSRVDQEERFPQGLWTGVAMRSCPEEQYWDPLLGTCMSCKTICNHQSQRTCAAFCRSLSCRKEQGKFYDHLLRDCISCASICGQHPKQCAYFCENKLRSPVNLPPELRRQRSGEVENNSDNSGRYQGLEHRGSEASPALPGLKLSADQVALVYS
Host	Human
Theoretical MW (kDa)	23.32
Interspecies Antigen Sequence	Mouse (49)
Form	Liquid
Preparation Method	Transfection of pSuper-TNFRSF13B plasmid into HEK293H cell, and the expressed protein was purified by *Strep*-Tactin affinity column.
Purification	*Strep*-Tactin affinity columns
Concentration	≥ 10 ug/ml
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

- SDS-PAGE
- Protein Interaction

Gene Info — TNFRSF13B

Entrez GeneID	23495
GeneBank Accession#	NM_012452
Protein Accession#	NP_036584.1
Gene Name	TNFRSF13B
Gene Alias	CD267, CVID, FLJ39942, MGC133214, MGC39952, TACI, TNFRSF14B
Gene Description	tumor necrosis factor receptor superfamily, member 13B
Omim ID	240500 604907 609529
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein induces activation of the transcription factors NFAT, AP1, and NF-kappa-B and plays a crucial role in humoral immunity by interacting with a TNF ligand. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq
Other Designations	OTTHUMP00000065442|transmembrane activator and CAML interactor|tumor necrosis factor receptor 13B

Pathway

- Cytokine-cytokine receptor interaction
- Primary immunodeficiency

Disease

- Abnormalities
- Agammaglobulinemia

- Chromosome Deletion
- Common Variable Immunodeficiency
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- IgA Deficiency
- Intracranial Aneurysm
- Lupus Erythematosus
- Lymphoproliferative Disorders
- Mental Retardation
- Metabolic Syndrome X
- Multiple Myeloma
- Obesity
- Occupational Diseases
- Renal Insufficiency
- Respiratory Tract Infections
- Syndrome
- Waldenstrom Macroglobulinemia
- Werner syndrome