

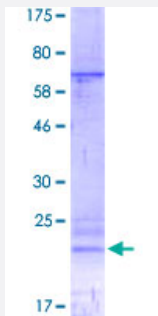
HuPro®

TNFRSF13B (Human) Recombinant Protein

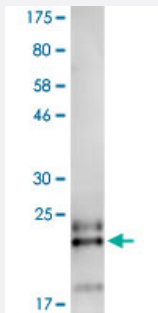
Catalog # H00023495-H01

Size 2 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description

Purified TNFRSF13B (NP_036584.1 2 a.a. - 165 a.a.) human recombinant protein with His-Flag-Str tag at N-terminus expressed in human cells.

Transfected Cell Line

Human HEK293T cells

Sequence

SGLGRSRRGGRSRVDQEERFPQGLWTGVAMRSCPEEQYWDPLLGTCTMSCKTICNHQSQRCA
AFCSRSLSCRKEQGKFYDHLRDCISCASICGQHPKQCAYFCENKLRSPVNLPPELRRQRSGEVE
NNSDMSGRYQGLEHRGSEASPALPGLKLSADQVALVYS

Host

Human

Theoretical MW (kDa)

23.32

Interspecies Antigen Sequence

Mouse (49)

Form

Liquid

Preparation Method

Transfection of pSuper-TNFRSF13B plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

Purification*Strep*-Tactin affinity columns**Concentration**

≥ 10 ug/ml

Quality Control Testing

SDS-PAGE and Western Blot
SDS-PAGE Gel
Western Blot

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](#)