



Recombinant Human TNFRSF13B Protein, GMP Grade

Product Information

Cat#

TNFRSF13B-067THP

Common Name

TNFRSF13B

Product Name

Recombinant Human TNFRSF13B Protein, GMP Grade

Product Overview

Recombinant Human TNFRSF13B Protein without tag was produced in an animal component free process under cGMP guidelines.

Description

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.

Species

Human

Molecular Mass

70707.2547 Da

AA Sequence

AMRSCPEEQYWDPLLGTGTCMSCKTICNHQSQRTCAAFCRSLSCRKEQGKFDHLLRDCISCASICGQHHPKQ
CAYFCENKLRSEPKSSDKTHTCPPCPAPEAEGAPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWY
VDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPSSIEKTISKAKGQPREPQVYTLP
PSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFC
SVMHEALHNHYTQKSLSLSPGK



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Endotoxin

<0.1 EU/μg of the protein by the LAL method

Purity

> 95 % by SDS-PAGE and HPLC analysis

Applications

Investigated for use/treatment in autoimmune diseases, systemic lupus erythematosus, rheumatoid arthritis, multiple myeloma, lymphoma (non-hodgkin's), and leukemia (lymphoid).

Usage

Autoimmune diseases, systemic lupus erythematosus, rheumatoid arthritis, multiple myeloma, lymphoma (non-hodgkin's), and leukemia (lymphoid)

Storage

Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 centigrade for 1 week. Aliquots of reconstituted proteins are stable at < -20 centigrade for 3 months.

Gene Name

[TNFRSF13B tumor necrosis factor receptor superfamily, member 13B \[Homo sapiens \(human\) \]](#)

Official Symbol

[TNFRSF13B](#)

Synonyms

TNFRSF13B; tumor necrosis factor receptor superfamily, member 13B; tumor necrosis factor receptor superfamily member 13B; CD267; TAC1; tumor necrosis factor receptor 13B; transmembrane activator and CAML interactor; CVID; CVID2; TNFRSF14B; FLJ39942; MGC39952; MGC133214;

GeneID

[23495](#)



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GMP Proteins

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mRNA Refseq

[NM_012452](#)

Protein Refseq

[NP_036584](#)

MIM

[604907](#)

UniProt ID

[Q14836](#)
