Bioactive

TNFSF13B (Human) Recombinant Protein

Catalog # P8461 Size 20 ug

Specification

Product Description	Human TNFSF13B (Q9Y275) recombinant protein expressed in *Escherichia coli*.
Sequence	MAVQGPEETVTQDCLQLIADSETPTIQKGSYTFVPWLLSFKRGSALEEKENKILVKETGYFFIYGQV LYTDKTYAMGHLIQRKKVHVFGDELSLVTLFRCIQNMPETLPNNSCYSAGIAKLEEGDELQLAIPRE NAQISLDGDVTFFGALKLL.
Host	Escherichia coli
Theoretical MW (kDa)	17
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by HPLC and SDS PAGE
Activity	The activity is determined by a mouse splenocyte survival assay. The ED_{50} for this effect is 0.5-2.0 u g/mL.
Storage Buffer	Lyophilized from PBS, pH 7.0.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — TNFSF13B

Entrez GeneID	10673
Protein Accession#	Q9Y275
Gene Name	TNFSF13B
Gene Alias	BAFF, BLYS, CD257, DTL, TALL-1, TALL1, THANK, TNFSF20, ZTNF4
Gene Description	tumor necrosis factor (ligand) superfamily, member 13b
Omim ID	603969
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) lig and family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TN FRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. [provided by RefSeq
Other Designations	ApoL related ligand TALL-1|B-cell activating factor|B-lymphocyte stimulator|OTTHUMP00000018 691|TNF and ApoL-related leukocyte expressed ligand 1|TNF homolog that activates apoptosis|d elta BAFF|dendritic cell-derived TNF-like molecule|tumor necrosis factor

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Arthritis
- Ascariasis
- Asthma
- Endometriosis
- Genetic Predisposition to Disease
- Hematologic Diseases
- Lupus Erythematosus

- Lymphoma
- Multiple Myeloma
- Occupational Diseases
- Pemphigus
- Peritoneal Diseases