Bioactive

TNFRSF17 (Human) Recombinant Protein

Catalog # P7164 Size 20 ug

Specification

Product Description	Human TNFRSF17 (Q02223, 5 a.a. - 54 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	AGQCSQNEYFDSLLHACIPCQLRCSSNTPPLTCQRYCNASVTNSVKGTNA
Host	Escherichia coli
Theoretical MW (kDa)	5.4
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 98% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED_{50} was determined by the ability to inhibit APRIL-mediated proliferation of anti-IgM stimulated murine B cells is < 40 ng/ml, corresponding to a specific activity of > 2.5 x 10^4 IU/mg in the presence of 100.0 ng/ml human APRIL.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — TNFRSF17

Entrez GeneID	608
Protein Accession#	Q02223
Gene Name	TNFRSF17
Gene Alias	BCM, BCMA, CD269
Gene Description	tumor necrosis factor receptor superfamily, member 17
Omim ID	109545
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development a nd autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq
Other Designations	B cell maturation antigen|B-cell maturation factor|OTTHUMP00000160261

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Arthritis
- Asthma
- Colitis
- Crohn Disease
- Genetic Predisposition to Disease
- Hematologic Diseases
- Kidney Failure

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- Multiple Myeloma
- Occupational Diseases

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