

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 <i>Escherichia coli</i> .
Sequence	AGQCSQNEYFDSLLHACIPCQLRCSSNTPPLTCQRYCNASVTNSVKGTNA
Host	Escherichia coli
Theoretical MW (kDa)	5.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> 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

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 and 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](#)

- [Multiple Myeloma](#)
- [Occupational Diseases](#)