9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TNFRSF17 Human, His

B-Cell Maturation Antigen Human Recombinant, His Tag
CYK0588

Product Overview

Name	TNFRSF17 Human, His
Description	
B-Cell Maturation Antigen Human Recombinant, His Tag	
Accession (Primary)	Q02223
Synonyms	
BCMA, CD269, Tumor Necrosis Factor Receptor Superfamily Member 17, BCM, TNFRSF17, B-cell maturation protein, CD269 antigen.	
Introduction	
TNFRSF17 is a receptor for tnfsf13b/blys/baff and tnfsf13/april. TNFRSF17 promotes b-cell survival and plays a role in the regulation of humoral immunity. TNFRSF17 activates nf-kappa-b and jnk. TNFRSF17 is a member of the TNF-receptor superfamily. TNFRSF17 is expressed in mature B lymphocytes, and is invloved in B cell development and autoimmune response. TNFRSF17 specifically binds to the tumor TNFSF13B/TALL-1/BAFF, which causes NF-kappaB and MAPK8/JNK activation. TNFRSF17 binds to a variety of TRAF family members, and therefore transduces signals for cell survival and proliferation. TNFRSF17 is a type III membrane protein having 1 extracellular cysteine rich domain. Within the TNFRSF, it shares the highest homology with TACI. BCMA and TACI have both been shown to bind to APRIL and BAFF, members of the TNF ligand superfamily. BCMA expression has been found in immune organs. TNFRSF17 appears to be localized to the Golgi compartment. The binding of BCMA to APRIL or BAFF has been shown to stimulate IgM production in peripheral blood B cells and increase the survival of cultured B cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless liquid.	
Formulation	
TNFRSF17 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. 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.	

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Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS RKINSEP LKDEFKNTGS GLLGMANIDL EKSRTGDEII LPRGLEYTVE

ECTCEDCIKS KPKVDSDHCF PLPAMEEGAT ILVTTKTNDY CKSLPAALSA TEIEKSISAR.

Precautions

TNFRSF17 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q02223)