

BCMA/TNFRSF17 Protein, Human (FITC, HEK293, His-Avi)

Cat. No.:	HY-P700663
Synonyms:	CD269; TNFRSF17; BCMA; BCM; TNFRSF13A
Species:	Human
Source:	HEK293
Accession:	Q02223 (M1-A54)
Gene ID:	608
Molecular Weight:	12 kDa & 15-17 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 1 year, protect from light. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The BCMA/TNFRSF17 protein serves as a receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL, exerting essential functions in promoting B-cell survival and contributing to the regulation of humoral immunity. Through its activation of NF-kappa-B and JNK, BCMA/TNFRSF17 plays a pivotal role in signaling pathways associated with immune responses. Additionally, it forms associations with TRAF1, TRAF2, TRAF3, TRAF5, and TRAF6, suggesting its involvement in various cellular processes mediated by these adaptor proteins.
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Caution: Product has not been fully validated for medical applications. For research use only.

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