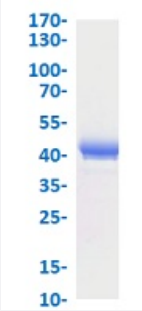
Bioactive HuPro®

TNFRSF17 (Human) Recombinant Protein

Catalog # P6735 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human TNFRSF17 (NP_001183.2, 1 a.a. - 54 a.a.) partial recombinant protein with a Fc, 6×His tag at the C-terminus expressed in HEK293 cells.
Host	Human
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-sepharose purification
Purity	> 92% (determined by SDS-PAGE)
Endotoxin Level	< 0.1 EU/ug of protein (determined by LAL method)

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Activity	Measured by the binding ability in a functional ELISA. Immobilized recombinant human TNFSF13B a t 5 ug/mL (100 uL/well) can bind recombinant human TNFRSF17 with a linear range of 3-20 ng/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -80°C on dry atmosphere, lyophilized antibodies are stable at least 2 years. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- 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 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

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Pathway

- Cytokine-cytokine receptor interaction

Disease

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

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