

Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Atto 488 conjugated

Cat. No. TNFRSF17-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Atto 488 conjugated BCMA/TNFRSF17 (Met1-Ala54) protein with a human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in mouse myeloma cell line.
Species	Human
Source	NS0
ProteinLength	1-54 a.a.
Description	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.
Form	Disulfide-linked homodimer Labeled with Atto 488 via amines Excitation Wavelength: 501 nm Emission Wavelength: 523 nm
Bio-activity	Measured by flow cytometry for its ability to bind anti-Human BCMA Monoclonal

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	Antibody conjugated fluorescent beads.
Molecular Mass	32 kDa
N-terminal Sequence Analysis	Met1
Endotoxin	<1.0 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.
Storage Buffer	Supplied as a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Shipping	The product is shipped with dry ice or equivalent.
Conjugation	Atto 488

GENE INFORMATION

Gene Name	TNFRSF17 TNF receptor superfamily member 17 [Homo sapiens (human)]
Official Symbol	TNFRSF17
Synonyms	TNFRSF17; TNF receptor superfamily member 17; BCM; BCMA; CD269;

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TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein

Gene ID 608

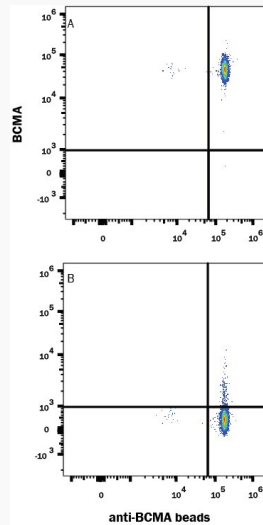
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MIM 109545

UniProt ID Q6PE46

FC

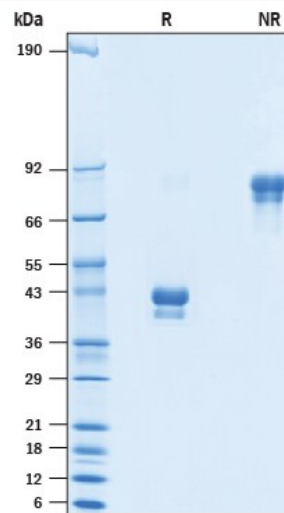


Fluorescent beads conjugated to anti-Human BCMA Monoclonal Antibody were stained with (A) Recombinant Human BCMA/TNFRSF17 Fc Chimera Atto 488 Protein or (B) unstained.

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SDS-PAGE

2 µg/lane of Recombinant Human BCMA/TNFRSF17 Fc Chimera Atto 488 was resolved with SDS-PAGE under reducing (R) and non-reducing (NR) conditions and visualized by Coomassie® Blue staining, showing bands at 35-45 kDa and 70-90 kDa, respectively.

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