

# Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Atto 647N conjugated

Cat. No. TNFRSF17-04H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant human Atto 647N 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 647N via amines  
Excitation Wavelength: 647 nm  
Emission Wavelength: 667 nm

**Bio-activity** Measured by flow cytometry for its ability to bind anti-Human BCMA Monoclonal

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	Antibody conjugated fluorescent beads.
<b>Molecular Mass</b>	32 kDa
<b>N-terminal Sequence Analysis</b>	Met1
<b>Endotoxin</b>	<1.0 EU/μg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Supplied as a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
<b>Shipping</b>	The product is shipped with dry ice or equivalent.
<b>Conjugation</b>	Atto 647N

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF17 TNF receptor superfamily member 17 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFRSF17
<b>Synonyms</b>	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

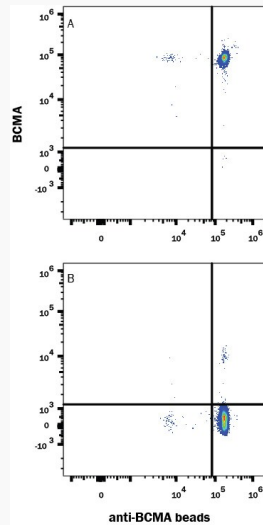
**mRNA Refseq** NM\_001192

**Protein Refseq** NP\_001183

**MIM** 109545

**UniProt ID** Q6PE46

**FC**

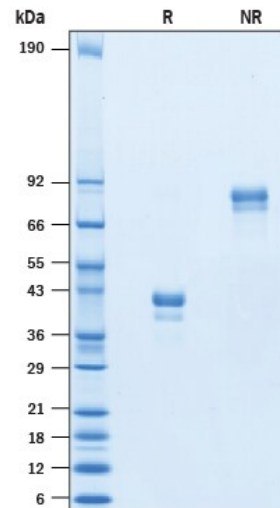


Fluorescent beads conjugated to anti-Human BCMA Monoclonal Antibody were stained with (A) Recombinant Human BCMA/TNFRSF17 Fc Chimera Atto 647N Protein or (B) unstained.

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**SDS-PAGE**

2 µg/lane of Recombinant BCMA/TNFRSF17 Fc Chimera Atto 647N 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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