

# Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Alexa Fluor<sup>®</sup> 488 conjugated

Cat. No. TNFRSF17-01H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant human Alexa Fluor<sup>®</sup> 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 Alexa Fluor<sup>®</sup> 488 via amines  
Excitation Wavelength: 488 nm  
Emission Wavelength: 515-545 nm

**Bio-activity** Measured by flow cytometry for its ability to bind anti-Human BCMA/TNFRSF17

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Monoclonal Antibody conjugated beads. The concentration of Recombinant human BCMA/TNFRSF17 Chimera Alexa Fluor<sup>®</sup> 488 that produces 50% of the binding response is 2.00-40.0 ng/mL

**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<sup>®</sup> 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** Alexa Fluor 488

## GENE INFORMATION

**Gene Name** TNFRSF17 TNF receptor superfamily member 17 [ Homo sapiens (human) ]

**Official Symbol** TNFRSF17

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Synonyms</b>	TNFRSF17; TNF receptor superfamily member 17; BCM; BCMA; CD269; TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein
<b>Gene ID</b>	608
<b>mRNA Refseq</b>	NM_001192
<b>Protein Refseq</b>	NP_001183
<b>MIM</b>	109545
<b>UniProt ID</b>	Q02223

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA