

## Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. TNFRSF17-121HAF488 Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | The Alexa Fluor 488 conjugated extracellular domain of human BCMA (aa 2-54) is fused at the C-terminus to the Fc portion of human IgG1.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 2-54 a.a.  |
| <b>Description</b>      | BCMA is a receptor for BAFF and APRIL. It promotes B cell survival and plays a role in the regulation of humoral immunity. Its downstream signaling is dependent on NF-kappa; B and JNK. |
| <b>Form</b>             | Lyophilized  |
| <b>Bio-activity</b>     | Blocks the binding of BAFF and APRIL to their receptors BCMA and TACI, inhibiting BAFF- and APRIL-mediated B cell activation.  |
| <b>Molecular Mass</b>   | ~40 kDa (SDS-PAGE)   |
| <b>Purity</b>           | ≥95 % by SDS-PAGE  |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines  |

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|-------------------------|--|
|                         | Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm   |
| <b>Stability</b>        | Stable for at least 6 months after receipt when stored at -20 centigrade.  |
| <b>Storage</b>          | Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade. After reconstitution, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions. |
| <b>Concentration</b>    | 1 mg/mL  |
| <b>Storage Buffer</b>   | Contains PBS.  |
| <b>Conjugation</b>      | Alexa Fluor 488  |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [ Homo sapiens ]  |
| <b>Official Symbol</b>  | TNFRSF17   |
| <b>Synonyms</b>         | TNFRSF17; tumor necrosis factor receptor superfamily, member 17; BCMA; tumor necrosis factor receptor superfamily member 17; BCM; CD269; B-cell maturation factor; B cell maturation antigen; B-cell maturation protein;                   |
| <b>Gene ID</b>          | 608  |
| <b>mRNA Refseq</b>      | NM_001192  |
| <b>Protein Refseq</b>   | NP_001183  |

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| <b>MIM</b> | 109545 |
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| <b>UniProt ID</b> | Q02223 |
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