

## Recombinant Human TNFRSF17 Protein, Fc\Avi-tagged

**Cat. No.** TNFRSF17-191H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Human B-cell Maturation Protein is produced by our Mammalian expression system and the target gene encoding Met1-Ala54 is expressed with a Fc, Avi tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | B cell maturation protein (BCMA) is a type III membrane protein which belongs to the TNF receptor superfamily (TNFRSF17). BCMA contains one extracellular cysteine rich domain, as well as TACI. Human BCMA is a 184 amino acid (aa) protein consisting of a 54 aa extracellular domain, a 23 aa transmembrane domain, and a 107 aa intracellular domain. Mouse and human BCMA share 62% amino acid identity. BCMA is mainly expressed in immune organs and mature B cell lines. BCMA appears to be localized to the Golgi compartment. BCMA may play an important role in B cell development, function and regulation. |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | Met1-Ala54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 0.1 ng/ug (1 EU/ug).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Shipping</b>         | Ambient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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**GENE INFORMATION**

|                        |                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TNFRSF17 TNF receptor superfamily member 17 [ Homo sapiens (human) ]                                         |
| <b>Official Symbol</b> | TNFRSF17                                                                                                     |
| <b>Synonyms</b>        | Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; BCM; BCMA; CD269; TNFRSF13A |
| <b>Gene ID</b>         | 608                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001192.3                                                                                                  |
| <b>Protein Refseq</b>  | NP_001183.2                                                                                                  |
| <b>MIM</b>             | 109545                                                                                                       |
| <b>UniProt ID</b>      | Q02223                                                                                                       |

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