

## Recombinant Human TNFRSF17, His-tagged

**Cat. No.** TNFRSF17-7060H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human TNFRSF17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 78-184 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Tumor necrosis factor receptor superfamily member 17, also known as TNFRSF17, is a member of the TNF-receptor superfamily. The open reading frame of the gene encoding TNFRSF17 predicts a 184 amino acid protein with a single transmembrane domain that has no homology with any known protein sequences. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. TNFRSF17 also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 14.1 kDa (130aa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSRKINSEP LKDEFKNTGS GLLGMANIDL<br>EKSRTGDEII LPRGLEYTVE ECTCEDCIKS KPKVDSDHCFPLPAMEEGAT<br>ILVTTKTNDY CKSLPAALSA TEIEKSISAR                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>              | >90% by SDS - PAGE                                                                                                                                                                                                       |
| <b>Applications</b>        | SDS-PAGE                                                                                                                                                                                                                 |
| <b>Storage</b>             | Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.                                                                    |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                                                                  |
| <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                                                                                                                                                                                                                |
| <b>MIM</b>                 | 109545                                                                                                                                                                                                                   |
| <b>UniProt ID</b>          | Q02223                                                                                                                                                                                                                   |
| <b>Chromosome Location</b> | 16p13.1                                                                                                                                                                                                                  |

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| Pathway  | Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; |
| Function | receptor activity; tumor necrosis factor-activated receptor activity;                                                                                                                                                                                                           |

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