

## Recombinant Human BAFF soluble, FLAG-tagged

Cat. No. TNFSF13B-22H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Produced in E. coli. The extracellular domain of human BAFF (aa 83-285) is fused at the N-terminus to a linker peptide (6 aa) and a FLAG tag.                             |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 83-285 a.a.   |
| <b>Form</b>             | Lyophilized. Contains PBS. Reconstitute with 100 µL of sterile water for 0.1 mg/mL solution. Further dilutions should be made with medium containing 5% fetal calf serum. |
| <b>Molecular Mass</b>   | ~28 kDa as determined by SDS-PAGE   |
| <b>Endotoxin</b>        | Endotoxin:<0.1 eu/µg="" of="" purified="" protein="" (lal="">   |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.   |
| <b>Applications</b>     | Mediates splenocyte survival. Detection of receptors of BAFF on target cells. Binds to human and mouse(weak) BCMA, TACI and BAFF-R.                                       |
| <b>Usage</b>            | For in vitro research use only. Not for use in diagnostics or in humans.  |
| <b>Storage</b>          | Store at -20°C. After reconstitution, prepare aliquots and store at -20°C.  |

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**Warning**

No warranties, expressed or implied, are made regarding the use of this product. Creative Biomart is not liable for any damage, personal injury, or economic loss caused by this product.

## GENE INFORMATION

**Gene Name** TNFSF13B tumor necrosis factor (ligand) superfamily, member 13b [ Homo sapiens ]

**Official Symbol** TNFSF13B

**Synonyms**

TNFSF13B; tumor necrosis factor (ligand) superfamily, member 13b; TNFSF20; tumor necrosis factor ligand superfamily member 13B; BAFF; BLYS; CD257; TALL 1; TALL1; THANK; delta BAFF; Delta4 BAFF; B-lymphocyte stimulator; B-cell-activating factor; ApoL related ligand TALL-1; TNF homolog that activates apoptosis; dendritic cell-derived TNF-like molecule; tumor necrosis factor-like protein ZTNF4; TNF and ApoL-related leukocyte expressed ligand 1; tumor necrosis factor (ligand) superfamily, member 20; DTL; ZTNF4; TALL-1;

**Gene ID** 10673

**mRNA Refseq** NM\_001145645

**Protein Refseq** NP\_001139117

**MIM** 603969

**UniProt ID** Q9Y275

**Chromosome Location** 13q32-q34

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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; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem;

**Function**

cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding;

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