

Recombinant Human BAFF soluble, FLAG-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	83-285 a.a.
Form	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.
Molecular Mass	~28 kDa as determined by SDS-PAGE
Endotoxin	Endotoxin:<0.1 eu/µg="" of="" purified="" protein="" (lal="">
Purity	>95% as determined by SDS-PAGE.
Applications	Mediates splenocyte survival. Detection of receptors of BAFF on target cells. Binds to human and mouse(weak) BCMA, TACI and BAFF-R.
Usage	For in vitro research use only. Not for use in diagnostics or in humans.
Storage	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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