

Recombinant Human TNFSF13B, His-tagged

Cat. No. TNFSF13B-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BLyS, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 21 kDa (190 aa).
Species	Human
Source	E.coli
Description	B lymphocyte stimulator (BLyS), a member of the tumor necrosis factor (TNF) superfamily of cytokines, induces B-cell proliferation and immunoglobulin secretion and is a key regulator of peripheral B-cell populations in vivo. BLyS is made by immune-cells called monocytes and macrophages. When monocytes and macrophages are activated, BLyS is released and binds to a receptor found only on B cells.
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAV QGPEETVTQD CLQLIADSET PTIQKGSYTF VPWLLSFKRG SALEEKENKI LVKETGYFFI YGQVLYTDKT YAMGHLIQRK KVHVFGDELS LVTLFRCIQN MPETLPNNSC YSAGIAKLEE GDELQLAIPR ENAQISLDGD VTFFGALKLL.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 5 mM DTT.
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

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Storage

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.

GENE INFORMATION
Gene Name

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

Synonyms

TNFSF13B; tumor necrosis factor (ligand) superfamily, member 13b; DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNFSF20; TNFSF13B; Tumor necrosis factor ligand superfamily member 13B; TNF- and APOL-related leukocyte expressed ligand 1; B lymphocyte stimulator; B cell-activating factor; Dendritic cell-derived TNF-like moleculeCD_antigen=CD257; Tumor necrosis factor ligand superfamily member 13b, membrane form; Tumor necrosis factor ligand superfamily member 13b, soluble form

Gene ID

10673

mRNA Refseq

NM_001145645

Protein Refseq

NP_001139117

MIM

603969

UniProt ID

Q9Y275

Chromosome Location

q32-q34

Pathway

tokine-cytokine receptor interaction

Function

cytokine activity; tumor necrosis factor receptor binding

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