

Active Recombinant Human TNFSF13B protein, Fc-tagged

Cat. No. TNFSF13B-244H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human TNFSF13B protein(Glu 140 - Leu 285), fused with Fc tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Glu 140 - Leu 285 |
| Form | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5 with trehalose as protectant. |
| Bio-activity | Immobilized Human BCMA, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Human BAFF Protein, Fc Tag with a linear range of 0.2-6 ng/mL. Immobilized Human BAFF Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human TACI, Fc, Avitag with a linear range of 0.002-0.05 µg/mL. Immobilized Human BAFF Protein, Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Mouse BAFFR, Fc, Avitag with a linear range of 0.4-25 ng/mL. |
| Molecular Mass | This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 76.7 kDa. The protein migrates as 120-140 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation. |
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |

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| Purity | >95% as determined by SDS-PAGE. >90% as determined by SEC-MALS. |
| Storage | For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

GENE INFORMATION

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| 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 |

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UniProt ID

Q9Y275

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