

Active Recombinant Human TNFSF13 protein, Fc-tagged

Cat. No. TNFSF13-2885H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human TNFSF13 protein(Gln 111-Leu 250), fused with Fc tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Gln 111-Leu 250 |
| Form | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Human BCMA, Mouse IgG2a Fc Tag at 5 µg/mL (100 µL/well) can bind Human APRIL, Fc Tag with a linear range of 0.4-3 ng/mL. Immobilized Human APRIL, Fc Tag at 2 µg/mL (100 µL/well) can bind Human BCMA, Mouse IgG2a Fc Tag with a linear range of 0.4-3 ng/mL. Immobilized Human APRIL, Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human TACI, Fc, Avitag with a linear range of 5-78 ng/mL. |
| Molecular Mass | This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 74.5 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|---|
| Endotoxin | Less than 1.0 EU per µg by the LAL method. |
| Purity | >95% as determined by SDS-PAGE. |
| 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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

GENE INFORMATION

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| Gene Name | TNFSF13 tumor necrosis factor (ligand) superfamily, member 13 [Homo sapiens] |
| Official Symbol | TNFSF13 |
| Synonyms | TNFSF13; tumor necrosis factor (ligand) superfamily, member 13; tumor necrosis factor ligand superfamily member 13; APRIL; CD256; a proliferation-inducing ligand; tumor necrosis factor-like protein ZTNF2; tumor necrosis factor-related death ligand-1; TNF- and APOL-related leukocyte expressed ligand 2; TALL2; ZTNF2; TALL-2; TRDL-1; FLJ57090; UNQ383/PRO715; |
| Gene ID | 8741 |
| mRNA Refseq | NM_001198622 |
| Protein Refseq | NP_001185551 |
| MIM | 604472 |

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UniProt ID

O75888

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