

Active Recombinant Human TNFSF13 Protein (Ala1-Leu146), C-His tagged, Animal-free, Carrier-free

Cat. No. TNFSF13-304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF13 Protein (Ala1-Leu146) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Ala1-Leu146
Description	APRIL is a member of tumor necrosis factor ligand superfamily that expressed by stromal tissue, macrophages, and T cells. APRIL is a 27.4 kDa protein containing 250 residues, which plays a critical role in modulating tumor progression. Besides, APRIL has been demonstrated to involve in regulating B and T cell survival, proliferation and differentiation via binding with TNFRSF13B/TACI and TNFRSF17/BCMA.
Form	Lyophilized
Bio-activity	Measured by its ability to induce cell death in Jurkat cells. The ED50 for this effect is 2.6-4.0 µg/mL.
Molecular Mass	The protein has a calculated MW of 17.29 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/µg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS containing 0.1% sarkosyl, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	TNFSF13 TNF superfamily member 13 [Homo sapiens (human)]
Official Symbol	TNFSF13
Synonyms	TNFSF13; TNF superfamily member 13; APRIL; CD256; TALL2; ZTNF2; TALL-2; TNLG7B; TRDL-1; UNQ383/PRO715; tumor necrosis factor ligand superfamily member 13; TNF- and APOL-related leukocyte expressed ligand 2; a proliferation-inducing ligand; tumor necrosis factor (ligand) superfamily, member 13; tumor necrosis factor ligand 7B; tumor necrosis factor superfamily member 13; tumor necrosis factor-like protein ZTNF2; tumor necrosis factor-related death ligand-1
Gene ID	www.ncbi.nlm.nih.gov/gene/8741

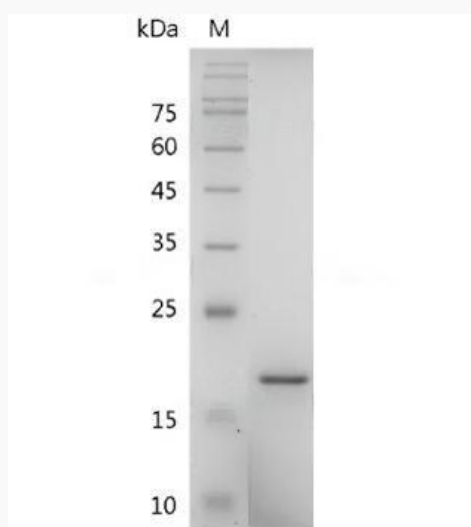
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mRNA Refseq	NM_172088
Protein Refseq	NP_742085
MIM	604472
UniProt ID	A0A0U5EM56

**SDS-PAGE analysis
of recombinant
human APRIL.**



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