

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF13 Protein (Ala1-Leu146) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala1-Leu146
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to induce cell death in Jurkat cells. The ED50 for this effect is 2.6-4.0 µg/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 17.29 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by the LAL method.

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<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS containing 0.1% sarkosyl, pH 8.0.
<b>Reconstitution</b>	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.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	TNFSF13 TNF superfamily member 13 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFSF13
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="http://www.ncbi.nlm.nih.gov/gene/8741">www.ncbi.nlm.nih.gov/gene/8741</a>

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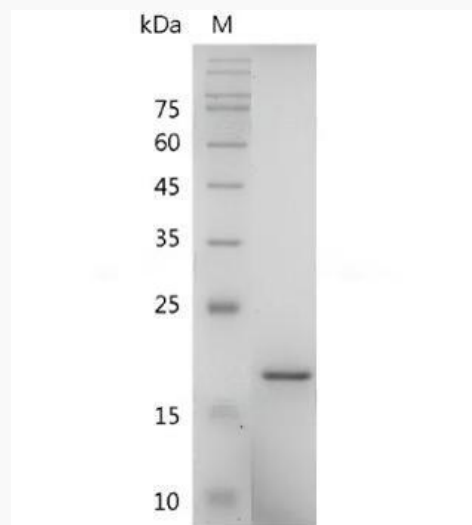
mRNA Refseq [NM\\_172088](#)

Protein Refseq [NP\\_742085](#)

MIM [604472](#)

UniProt ID [A0A0U5EM56](#)

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



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