

Recombinant Human APRIL Protein

Catalog No.: RP01120 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	8741	O75888

Tags

N-Flag & 6xHis

Synonyms

Tumor necrosis factor ligand superfamily member 13; A proliferation-inducing ligand; APRIL; TNF and APOL-related leukocyte expressed ligand 2; TALL-2; TNF-related death ligand 1; TRDL-1; CD256; TNFSF13

Product Information

Source	Purification
Mammalian	> 90% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13.

Basic Information

Description

Recombinant Human APRIL Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Lys112-Leu250) of human APRIL (Accession #O75888) fused with a Flag, 6xHis tag at the N-terminus.

Bio-Activity

Storage

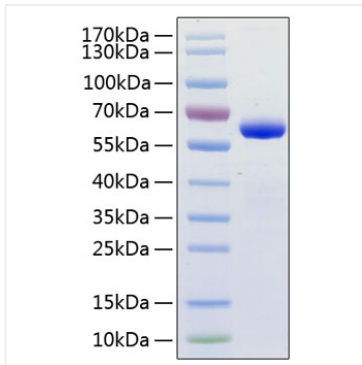
Store the lyophilized protein at -20°C to -80 °C for long term.

After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Contact

Validation Data



Recombinant Human APRIL Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60 kDa.