

Recombinant Human TNFSF13/APRIL/CD256 Trimer Protein

Catalog No.: RP02038 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	8741	O75888

Tags

N-His&Flag

Synonyms

TNFSF13;APRIL;CD256;TALL-2;TALL2;TNL
G7B;TRDL-1;UNQ383/PRO715;ZTNF2

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.2 μm filtered
solution of PBS, pH 7.4. Contact us for
customized product form or formulation.


Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the
protein. For long term storage, it is
recommended to add a carrier protein or
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%
FBS or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize freeze-thaw cycles.

Contact

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Background

APRIL (a proliferation-inducing ligand), also known as TNFSF13, TALL2, TRDL1, and CD256, is a member of the TNF ligand superfamily. Both APRIL and its close relative BAFF bind and signal through the TNF superfamily receptors TACI and BCMA, while BAFF additionally functions through BAFF R.

Basic Information

Description

Recombinant Human MUC16/CA125 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Lys112-Leu250 Trimer) of human APRIL (Accession #O75888) fused with a 6xHis, Flag tag at the N-terminus.

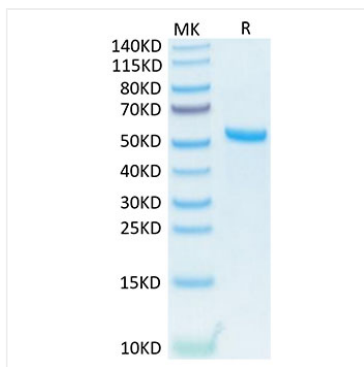
Bio-Activity

Immobilized Human APRIL at 0.2 μg/mL (100 μL/well), dose response curve for Human BCMA with the EC₅₀ of 5.2 ng/mL determined by ELISA.

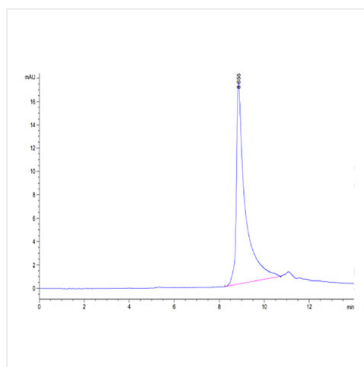
Storage

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.

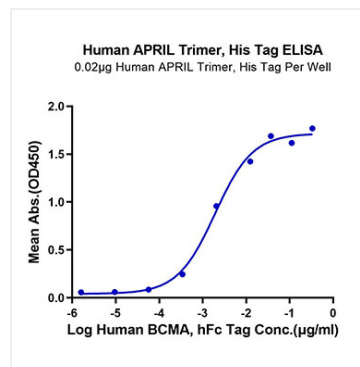
Validation Data



Human APRIL Trimer on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human APRIL Trimer is greater than 95% as determined by SEC-HPLC.



Immobilized Human APRIL Trimer, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Human BCMA, hFc Tag with the EC₅₀ of 2.2ng/ml determined by ELISA.