RP02038

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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;TNLG7B;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 votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

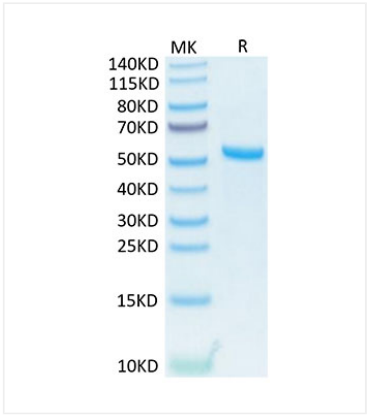
Basic Information

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.

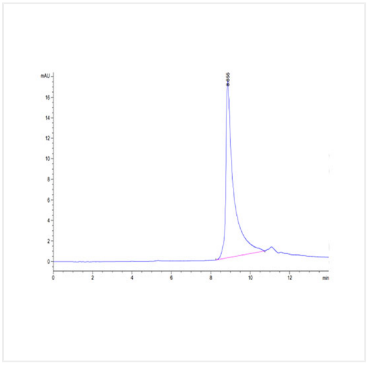
Bio-Activity
Immobilized Human APRIL at 0.2 μg/mL (100 μL/well), dose response curve for Human BCMA with the EC₅₀ of 5.2 ng/mL determined by ELISA.

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.

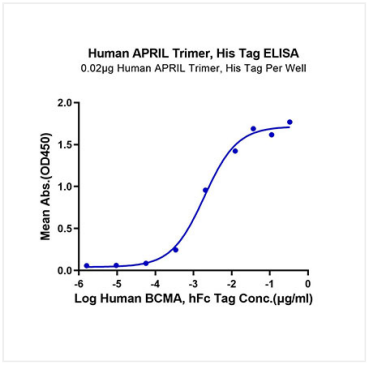
Validation Data



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 EC_{50} of 2.2ng/ml determined by ELISA.