

# Recombinant Human TNFSF13/APRIL/CD256 Trimer Protein

Catalog No.: RP02038 Recombinant

# **Sequence Information**

SpeciesGene IDSwiss ProtHuman8741075888

**Tags** N-His&Flag

N-1113Q11ag

**Synonyms** 

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

## **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

determined by SDS-PAGE;≥95 % as determined by

HPLC.

Calculated MW Observed MW

49.9 kDa 52-60 kDa

**Endotoxin** 

 $< 0.1 \; \text{EU/}\mu\text{g}$  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 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**

6	400-999-6126
$\times$	cn.market@abclonal.com.cn

# **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 #075888) fused with a 6xHis, Flag tag at the N-terminus.

## **Bio-Activity**

Immobilized Human APRIL at 0.2  $\mu$ g/mL (100  $\mu$ L/well), dose response curve for Human BCMA with the EC<sub>50</sub> of 5.2  $\mu$ g/mL determined by ELISA.

#### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

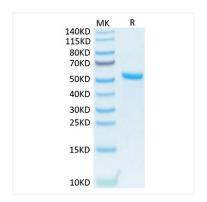
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

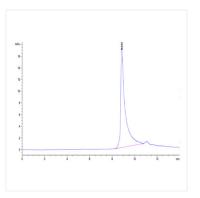
#### **Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

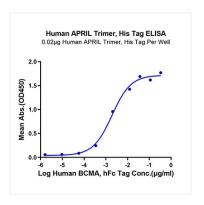
# **Validation Data**



Recombinant Human TNFSF13/APRIL/CD256 Trimer Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human APRIL Trimer is greater than 95% as determined by SEC-HPLC.  $\label{eq:purity}$ 



Immobilized Human APRIL Trimer, His Tag at  $0.2\mu g/ml$  (100 $\mu l/well$ ) on the plate. Dose response curve for Human BCMA, hFc Tag with the EC<sub>50</sub> of 2.2ng/ml determined by ELISA.