

# Recombinant Mouse TNFSF13/APRIL/CD256 Protein

Catalog No.: RP01753 **Recombinant**

## Sequence Information

**Species** Mouse    **Gene ID** 69583    **Swiss Prot** Q9D777

### Tags

C-hFc

### Synonyms

April; Tali2; Trd1; Tnlg7b;  
2310026N09Rik;TNFSF13;CD256

## Background

TNFSF13 is a member of the tumor necrosis factor (TNF) ligand family. It is a ligand for TNFRSF17/BCMA. TNFSF13 is lowly expressed in normal tissues, but is elevated in several types of tumors and transformed cell lines. It is important for B cell development. TNFSF13 may also play a role in T-independent type II antigen responses and T cell survival, and induce proliferation/survival of non lymphoid cells. It exists as a functional homotrimer. It can bind to two cell surface receptors, BCMA and TACI, which it shares with BAFF to exert downstream T- and B-cell regulatory effects. TNFSF13 also has been demonstrated to bind to proteoglycans on the cell surface.

## Product Information

### Source

HEK293 cells

### Purification

≥ 95 % as determined by SDS-PAGE.

### Calculated MW

41.50 kDa

### Observed MW

50-60 kDa

### Endotoxin

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

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial 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 free-thaw cycles.

## Basic Information

### Description

Recombinant Mouse TNFSF13/APRIL/CD256 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys104-Leu241) of mouse TNFSF13/APRIL/CD256 (Accession #NP\_001152977.1) fused with a hFc tag at the C-terminus.

### Bio-Activity

### 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

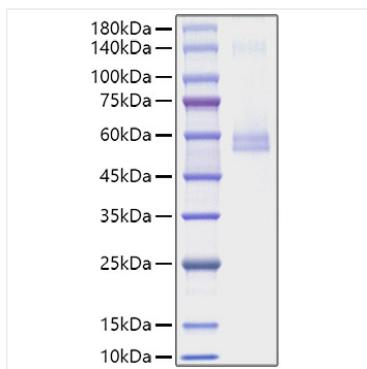
For your safety and health, please wear a lab coat and disposable gloves for handling.

## Contact

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## Validation Data

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Recombinant Mouse TNFSF13/APRIL/CD256  
Protein was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.