

Recombinant Human TNFSF13/APRIL/CD256 Protein

Catalog No.: RP01777 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	8741	O75888

Tags

N-hFc

Synonyms

APRIL; CD256; TALL2; ZTNF2; TALL-2;
TNLG7B; TRDL-1;
UNQ383/PRO715;TNFSF13

Product Information

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

Calculated MW	Observed MW
41.80 kDa	50 kDa

Endotoxin
< 0.001 EU/μg

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.

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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.

Basic Information

Description

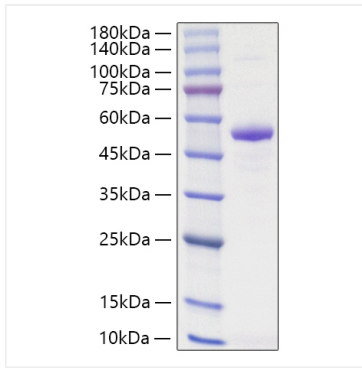
Recombinant Human TNFSF13/APRIL/CD256 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys111-leu250) of human TNFSF13 (Accession #NP_001185552.1) fused with and a hFc tag at the N-terminus.

Bio-Activity

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.

Validation Data



Recombinant Human TNFSF13/APRIL/CD256 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50 kDa.