

Recombinant Mouse TNFSF13/APRIL/CD256 Protein

Catalog No.: RP01753 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	69583	Q9D777

Tags

C-hFc

Synonyms

April; Tall2; Trdl1; Tnlg7b;
2310026N09Rik□TNFSF13□CD256

Product Information

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

Endotoxin

< 0.1EU/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.

Contact

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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

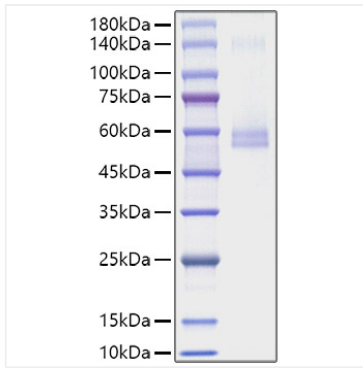
Recombinant Mouse TNFSF13/APRIL/CD256 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys104-Leu241) of mouse TNFSF13/APRIL/CD256 (Accession #NP_001152977.1) fused with a hFc tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80°C for 12 months. 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 Mouse TNFSF13/APRIL/CD256 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 47 kDa.