

Mouse APRIL/TNFSF13 Protein

Cat. No. APR-MM110

Description

Source	Recombinant Mouse APRIL/TNFSF13 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Ala96-Leu241.
Accession	Q9D777
Molecular Weight	The protein has a predicted MW of 43.20 kDa. Due to glycosylation, the protein migrates to 53-63 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

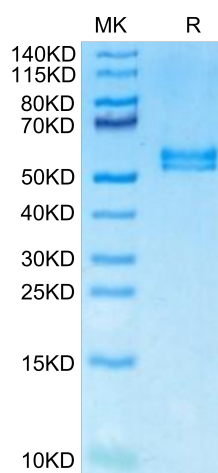
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

The 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.

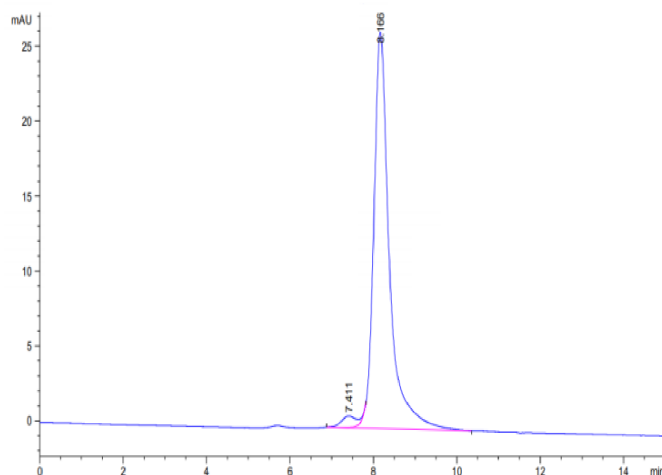
Assay Data

Tris-Bis PAGE



Mouse APRIL on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



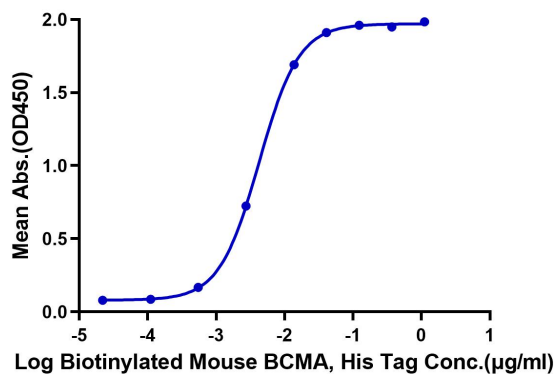
The purity of Mouse APRIL is greater than 95% as determined by SEC-HPLC.

ELISA Data

Assay Data

Mouse APRIL, hFc Tag ELISA

0.5µg Mouse APRIL, hFc Tag Per Well



Immobilized Mouse APRIL, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Mouse BCMA, His Tag with the EC50 of 4.3ng/ml determined by ELISA.