

Mouse APRIL/TNFSF13 Protein, Ultra Low Endotoxin



Cat. No. APR-MM113-UL

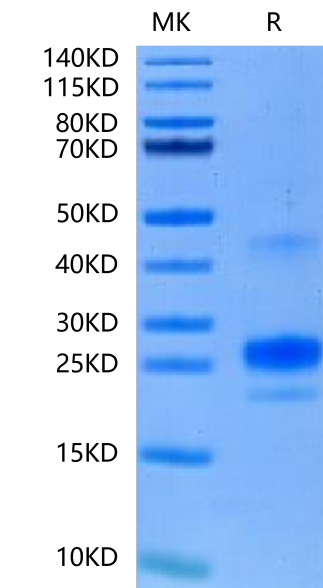
Description	
Source	Recombinant Mouse APRIL/TNFSF13 Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus. It contains Ala96-Leu241.
Accession	Q9D777
Molecular Weight	The protein has a predicted MW of 18.53 kDa. Due to glycosylation, the protein migrates to 24-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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

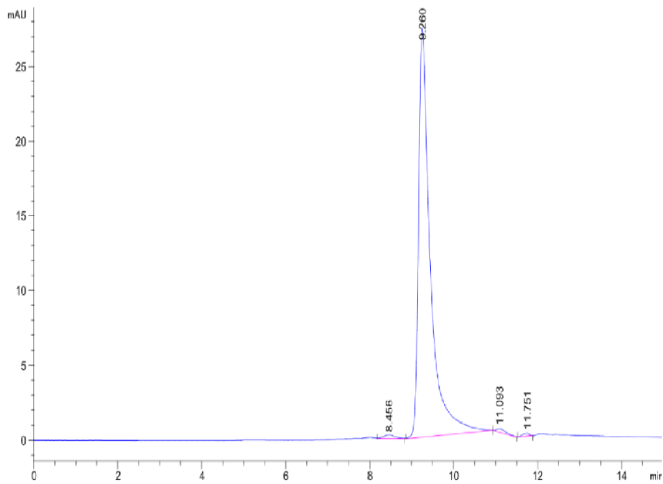
Bis-Tris PAGE



Mouse APRIL on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.

SEC-HPLC

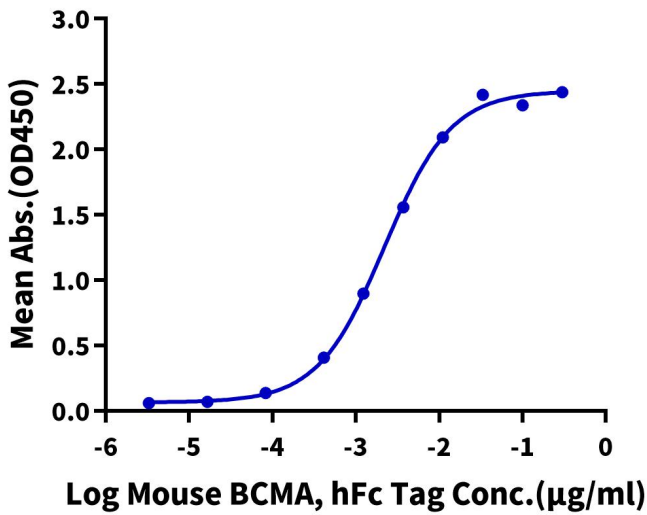
Assay Data



The purity of Mouse APRIL is greater than 90% as determined by SEC-HPLC.

ELISA Data

Mouse APRIL, His Tag ELISA
0.05µg Mouse APRIL, His Tag Per Well



Immobilized Mouse APRIL, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Mouse BCMA, hFc Tag with the EC50 of 2.2ng/ml determined by ELISA.