

Rat APRIL/TNFSF13 Protein

Cat. No. APR-RM113



Description	
Source	Recombinant Rat APRIL/TNFSF13 Protein is expressed from HEK293 with His tag and Flag tag at the N-terminus. It contains Ala96-Leu241.
Accession	A0A8J8XC20
Molecular Weight	The protein has a predicted MW of 18.20 kDa. Due to glycosylation, the protein migrates to 20-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
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 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.	

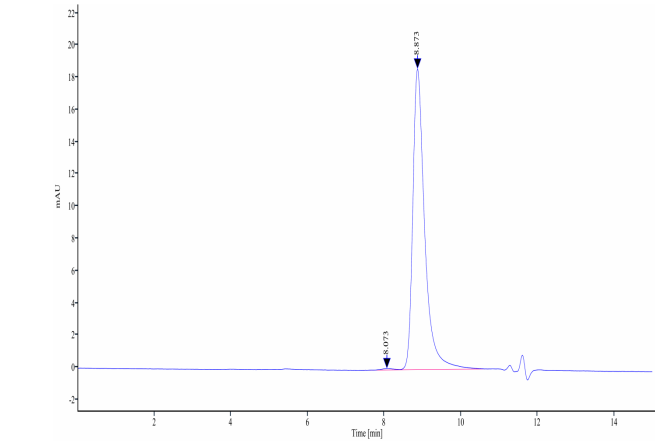
Assay Data

Bis-Tris PAGE



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

SEC-HPLC

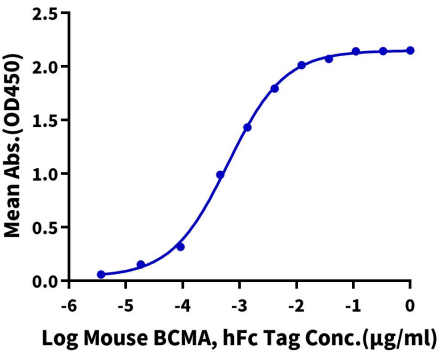


The purity of Rat APRIL is greater than 90% as determined by SEC-HPLC.

Assay Data

ELISA Data

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



Immobilized Rat APRIL, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Mouse BCMA, hFc Tag (Cat. BCM-MM217) with the EC50 of 0.6ng/ml determined by ELISA.