

Cynomolgus APRIL/TNFSF13 Trimer Protein

Cat. No. APR-CM410



Description

Source	Recombinant Cynomolgus APRIL/TNFSF13 Trimer Protein is expressed from Expi293 with His tag and Flag tag and Avi tag at the N-terminal. It contains Lys112-Leu250.
Accession	A0A2K5TJA1
Molecular Weight	The protein has a predicted MW of 52.1 kDa. Due to glycosylation, the protein migrates to 55-60 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

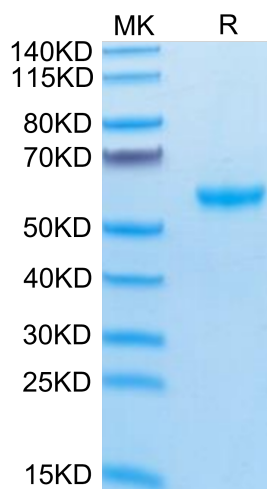
Formulation	Supplied as 0.22µm filtered solution in 50mM Tris, 150mM NaCl, 200mM L-arginine (pH 8.0). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend 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 BAFFR.

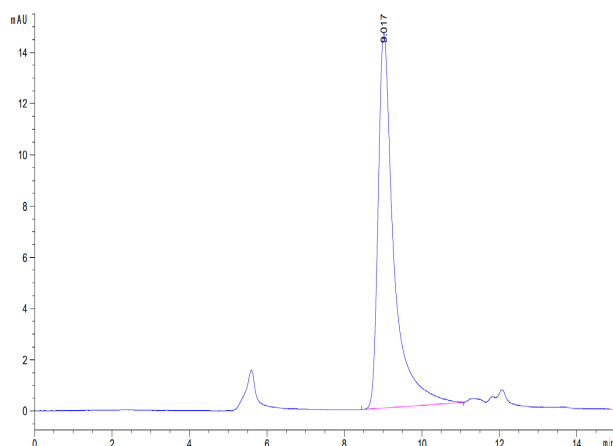
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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

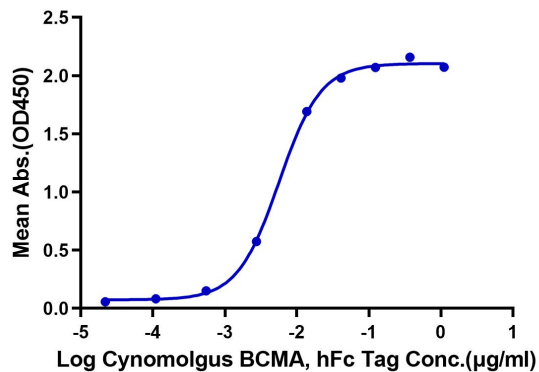
ELISA Data

For Research Use Only

Assay Data

Cynomolgus APRIL(Trimer), His Tag ELISA

0.1µg Cynomolgus APRIL(Trimer), His Tag Per Well



Immobilized Cynomolgus APRIL(Trimer), His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus BCMA, hFc Tag with the EC50 of 5.7ng/ml determined by ELISA.