

Cynomolgus B7-H6/NCR3LG1 Protein



Cat. No. BH7-CM176

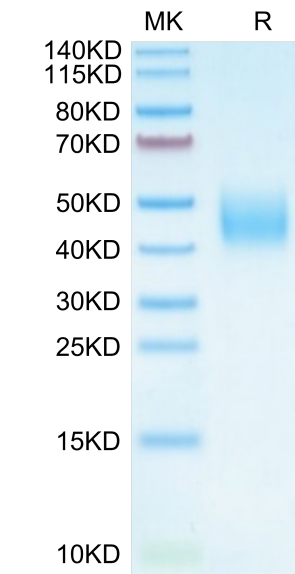
Description	
Source	Recombinant Cynomolgus B7-H6/NCR3LG1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp25-Asp259.
Accession	XP_005578557.1
Molecular Weight	The protein has a predicted MW of 27.6 kDa. Due to glycosylation, the protein migrates to 40-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% 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	
B7-H6 is a glycosylated member of the B7 family of immune costimulatory proteins, which is a ligand for the NK cell activating receptor NKp30, was targeted to create a CAR that targets multiple tumor types. B7-H6 is expressed on various primary human tumors, including leukemia, lymphoma and gastrointestinal stromal tumors, but it is not constitutively expressed on normal tissues.	

Assay Data

Bis-Tris PAGE



Cynomolgus B7-H6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

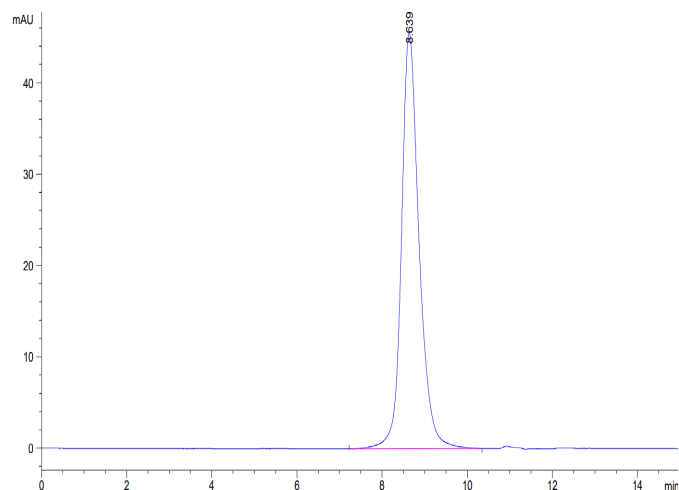
SEC-HPLC

## Cynomolgus B7-H6/NCR3LG1 Protein

Cat. No. BH7-CM176

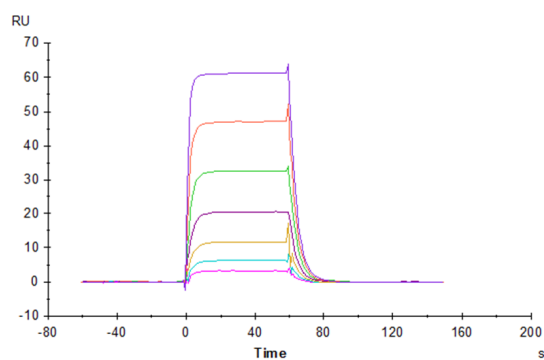


### Assay Data



The purity of Cynomolgus B7-H6 is greater than 95% as determined by SEC-HPLC.

### SPR Data



Human NKp30, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus B7-H6, His Tag with an affinity constant of 0.662  $\mu\text{M}$  as determined in SPR assay (Biacore T200).