Cynomolgus/Rhesus macaque B7-H4 Protein

Cat. No. BH7-CM174

Description

Source	Recombinant Cynomolgus/Rhesus macaque B7-H4 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Phe29-Ala258.
Accession	A0A2K5U6P5 / F7B770
Molecular Weight	The protein has a predicted MW of 26.41 kDa. Due to glycosylation, the protein migrates to 48-63 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

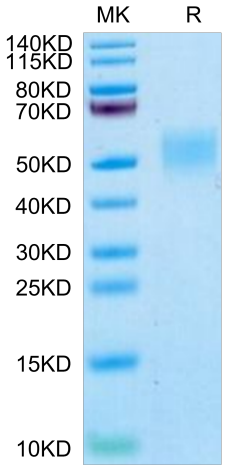
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

B7-H4, also known as B7x and B7S1, is a 50-80 kDa glycosylated member of the B7 family of immunomodulatory proteins.B7-H4 is up-regulated in several carcinomas in correlation with tumor progression and metastasis. A soluble form of B7-H4 is elevated in the serum of ovarian cancer, renal cell carcinoma, and rheumatoid arthritis patients, also in correlation with advanced disease status .

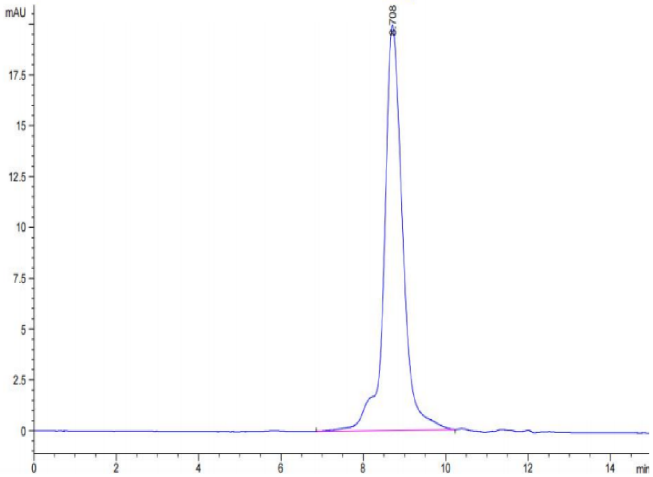
Assay Data

Tris-Bis PAGE



Cynomolgus/Rhesus macaque B7-H4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus/Rhesus macaque B7-H4 is greater than 95% as determined by SEC-HPLC.

ELISA Data

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Cynomolgus/Rhesus macaque B7-H4 Protein

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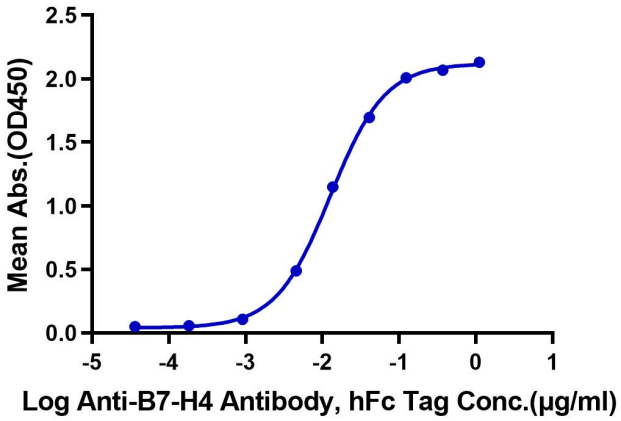
Assay Data

Cynomolgus/Rhesus macaque B7-H4, His Tag ELISA

0.02μg Cynomolgus/Rhesus macaque B7-H4, His Tag Per Well



Immobilized Cynomolgus/Rhesus macaque B7-H4, His Tag at 0.2μg/ml (100μl/Well) on the plate. Dose response curve for Anti-B7-H4 Antibody, hFc Tag with the EC50 of 12.8ng/ml determined by ELISA.

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