

Biotinylated Cynomolgus/Rhesus macaque B7-H5/Gi24/VISTA Protein



Cat. No. BH7-CM475B

Description	
Source	Recombinant Biotinylated Cynomolgus/Rhesus macaque B7-H5/Gi24/VISTA Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Phe33-Thr192.
Accession	XP_005565644.2(Cynomolgus) / F7F6S6(Rhesus macaque)
Molecular Weight	The protein has a predicted MW of 20.94 kDa. Due to glycosylation, the protein migrates to 45-65 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

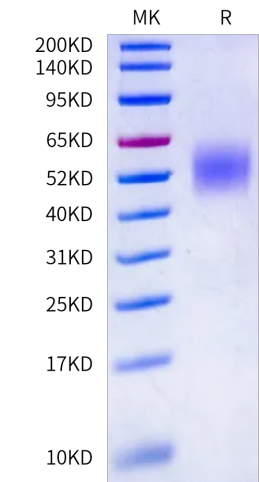
Formulation and Storage	
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
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-H5, also known as VISTA , B7H5, Dies1, SISP1 and C10orf54, is a 55-65 kDa member of the Ig superfamily. It is a transmembrane molecule expressed in bone, on embryonic stem cells (ESCs), and on tumor cell surfaces.

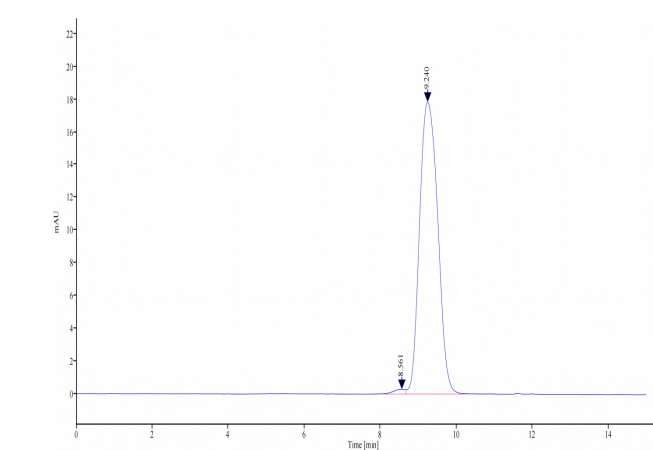
Assay Data

Bis-Tris PAGE



Biotinylated Cynomolgus/Rhesus macaque B7-H5 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Cynomolgus/Rhesus macaque B7-H5 is greater than 95% as determined by SEC-HPLC.

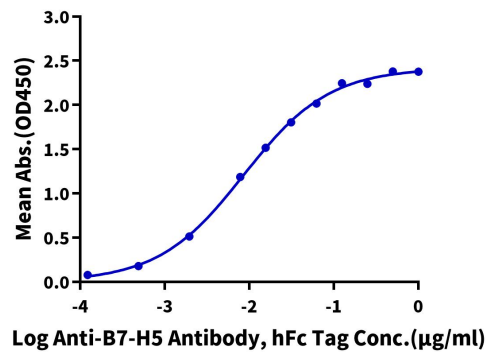
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Assay Data

ELISA Data

Biotinylated Cynomolgus/Rhesus macaque B7-H5, His Avi Tag ELISA

0.1µg Biotinylated Cynomolgus/Rhesus macaque B7-H5, His Avi Tag Per Well



Immobilized Biotinylated Cynomolgus/Rhesus macaque B7-H5, His Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-B7-H5 Antibody, hFc Tag with the EC50 of 8.6ng/ml determined by ELISA.