Mouse B7-H5/Gi24/VISTA Protein

Cat. No. BH7-MM175

Description

Source	Recombinant Mouse B7-H5/Gi24/VISTA Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Phe33-Ala191.
Accession	Q9D659
Molecular Weight	The protein has a predicted MW of 18.6 kDa. Due to glycosylation, the protein migrates to 40-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

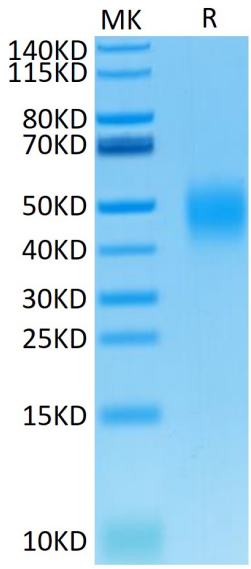
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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



Mouse B7-H5 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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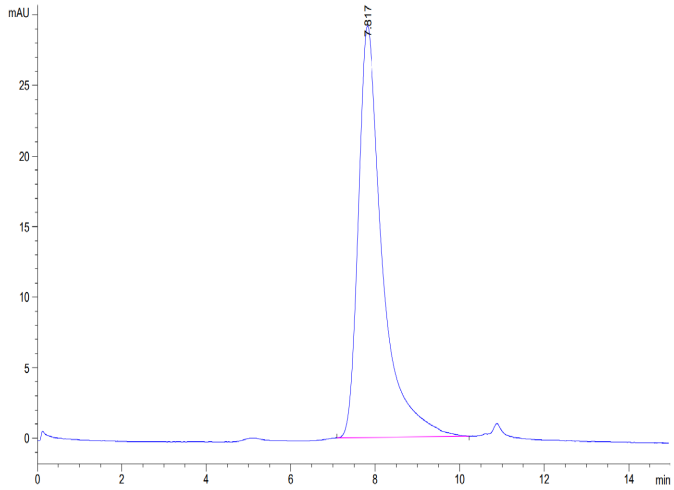
Assay Data



The purity of Mouse B7-H5 is greater than 95% as determined by SEC-HPLC.