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 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

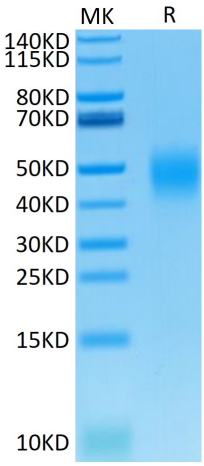
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days 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.

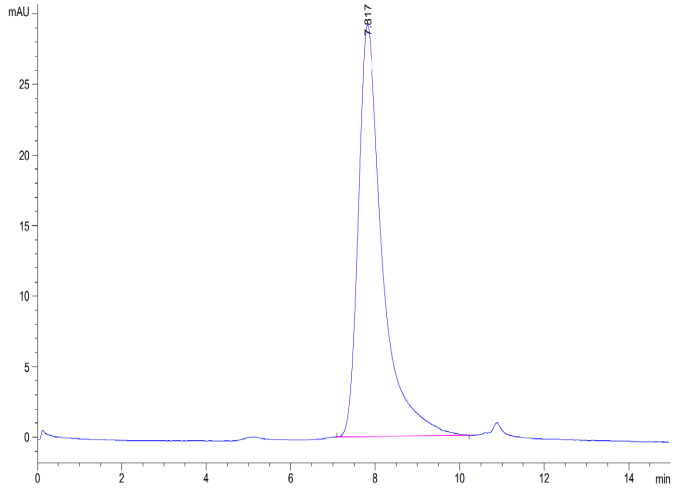
Assay Data

Tris-Bis PAGE



Mouse B7-H5/Gi24/VISTA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse B7-H5/Gi24/VISTA is greater than 95% as determined by SEC-HPLC.