Mouse B7-H3 (2Ig) /CD276 Protein

Cat. No. BH7-MM173

Description

Source	Recombinant Mouse B7-H3 (2Ig) /CD276 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Val29-Ala248.
Accession	Q8VE98
Molecular Weight	The protein has a predicted MW of 24.98 kDa. Due to glycosylation, the protein migrates to 42-52 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

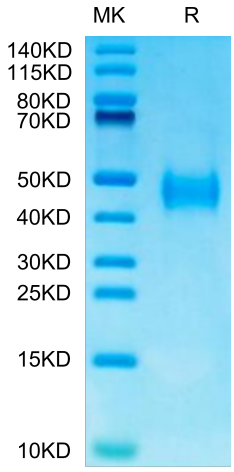
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

B7-H3, a member of the B7 family of immunomodulatory molecules, is overexpressed in a wide range of solid cancers.B7-H3 binds to activated T cells via an as yet unidentified receptor. In assays using sub-optimal amount so anti-CD3 stimulation, 2IgB7H3 enhances T cell proliferation, T cell interferon-gamma (IFN-gamma) production, and cytotoxic T cells induction.

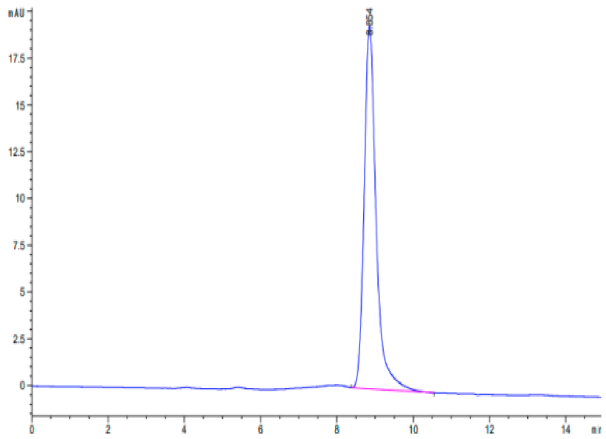
Assay Data

Bis-Tris PAGE



Mouse B7-H3 (2Ig) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse B7-H3 (2Ig) is greater than 95% as determined by SEC-HPLC.