FITC-Labeled Human B7-H3/CD276 Protein

Cat. No. BH7-HM273F

Description

Source	Recombinant FITC-Labeled Human B7-H3/CD276 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Leu29-Pro245.
Accession	Q5ZPR3-2
Molecular Weight	The protein has a predicted MW of 50.1 kDa. Due to glycosylation, the protein migrates to 65-70 kDa based on Bis-Tris PAGE result.
Wavelength	Excitation Wavelength: 490 nm
	Emission Wavelength: 520 nm
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

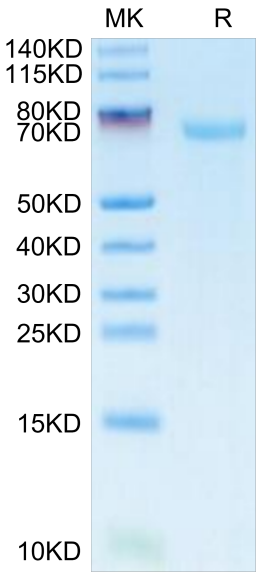
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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



FITC-Labeled Human B7-H3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.