

# FITC-Labeled Human B7-H3/CD276 Protein

Cat. No. BH7-HM273F

## Description

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

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	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

### Tris-Bis PAGE



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