

Human B7-H3/CD276 Protein

HA210268



Product name:	Human B7-H3/CD276 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human B7-H3/CD276 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu29-Pro245.
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, 2lg B7 H3 enhances T cell proliferation, T cell interferon-gamma (IFN-gamma) production, and cytotoxic T cells induction.
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q5ZPR3-2
Predicted molecular mass:	The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
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 3-6 months 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.

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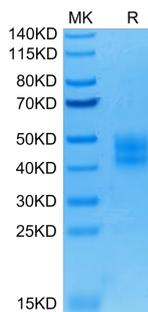


Fig1: Human B7-H3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

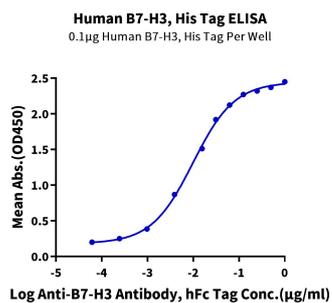


Fig2: Immobilized Human B7-H3, His Tag at 1 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Anti-B7-H3 Antibody, hFc Tag with the EC50 of 9.9ng/ml determined by ELISA.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.