

Active Recombinant Human CD276 protein, His-tagged

Cat. No. CD276-3884H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD276 protein(Q5ZPR3-1)(Gly27-Thr461) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	27-461 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human B7-H3 (4Ig), His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-B7-H3 Antibody, hFc Tag with the EC50 of 5.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 48.25 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001019907.1
Unit ID	Q5ZPR3
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q5ZPR3

GENE INFORMATION

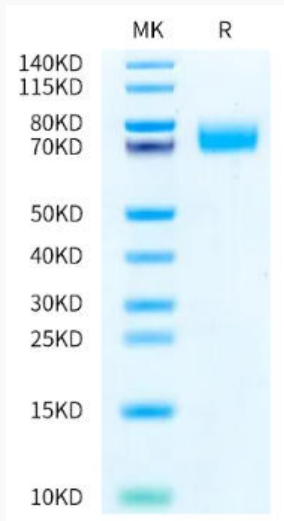
Gene Name	CD276 CD276 molecule [Homo sapiens]
Official Symbol	CD276
Synonyms	CD276; CD276 molecule; CD276 antigen; B7 H3; B7H3; B7RP 2; B7 homolog 3; costimulatory molecule; B7-H3; B7RP-2; 4lg-B7-H3;
Gene ID	80381
mRNA Refseq	NM_001024736
protein Refseq	NP_001019907
MIM	605715

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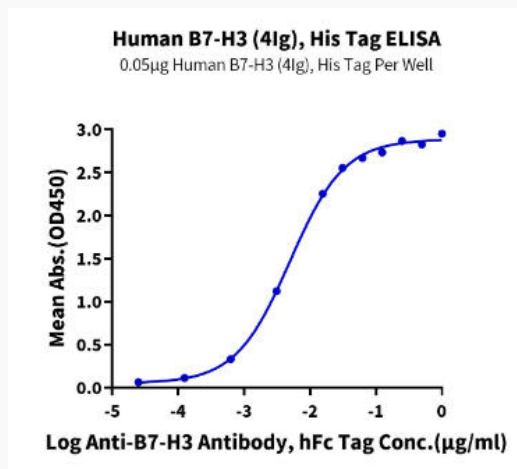
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Bis-Tris PAGE



ELISA Data



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