

Active GMP Recombinant Human CD276 protein

Cat. No. CD276-127HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD276 protein(NP_056074.1)(433 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human B7-H3(UniProtKB/Swiss-Prot: Q5ZPR3.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	To test its ability to inhibit anti-CD3 induced stimulation of human T cells, the ED50 of this effect is 5-15ug/mL.
Molecular Mass	Recombinant Human B7-H3 protein contains 433 aa. It has a predicted MW of 48.2 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD276 CD276 molecule [Homo sapiens]
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Official Symbol	CD276
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Synonyms	B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
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Gene ID	80381
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mRNA Refseq	NM_001024736
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Protein Refseq	NP_001019907
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MIM	605715
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UniProt ID	Q5ZPR3
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