

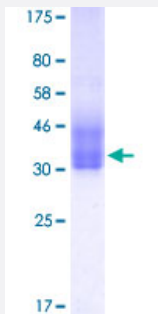
HuPro®

CD276 (Human) Recombinant Protein

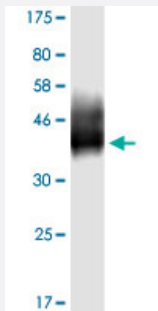
Catalog # H00080381-H04

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description	Purified CD276 (AAH62581.1 237 a.a. - 461 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.
Transfected Cell Line	Human HEK293T cells
Sequence	ITPQRSPTGAVEVQVPEDPVVALVGTDATLRCSFSPEPGFSLAQLNLWQLTDTKQLVHSFTEGR DQGSAYANRTALFPDLLAQGNASRLRQVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSM TLEPNKDLRPGDVTITCSSYRGYPEAEVFWQDGGQVPLTGNVTTSQMANEQGLFDVHSLRVV LGANGTYSCLVRNPVLQQDAHGSVTITGQPMT
Host	Human
Theoretical MW (kDa)	30.03

Interspecies Antigen Sequence	Mouse (90); Rat (84)
Form	Liquid
Preparation Method	Transfection of pSuper-CD276 plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — CD276

Entrez GeneID	80381
GeneBank Accession#	BC062581.1
Protein Accession#	AAH62581.1
Gene Name	CD276
Gene Alias	B7-H3, B7H3
Gene Description	CD276 molecule
Omim ID	605715

Gene Ontology[Hyperlink](#)**Gene Summary**

Costimulatory B7 molecules (e.g., B7-1, or CD80; MIM 112203) signal through CD28 (MIM 186760) family molecules such as CD28, CTLA4 (MIM 123890), and ICOS (MIM 604558).[supplied by OMIM]

Other Designations

B7 homolog 3|CD276 antigen

Pathway

- [Cell adhesion molecules \(CAMs\)](#)