

HuPro®

CD276 (Human) Recombinant Protein

Catalog # P7577 Size 1 mg

Specification

Product Description	Human CD276 (Q5ZPR3-2, 29 a.a. - 245 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cell.
Sequence	LEVQVPEDPVVALVGTDATLCCSFSPGFSLAQLNLWQLTDTKQLVHSFAEGQDQGSAYANR TALFPDLLAQGNASRLQRVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRP GDTVITCSSLRGYPEAEVFWQDGQGVPLTGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSCL VRNPVLQQDAHGVSITGQPMTFP
Host	Mammals
Theoretical MW (kDa)	40-42
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 0.2 EU per 1 ug of protein (determined by gel clotting method)
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CD276

Entrez GeneID	80381
Protein Accession#	Q5ZPR3-2
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 \(CAMs\)](#)