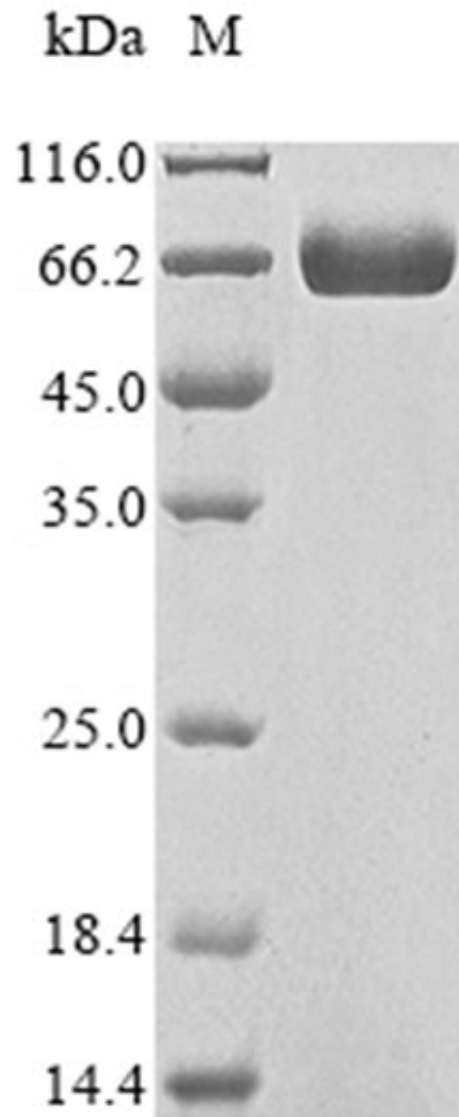


Recombinant Human CD276 protein, C-hFc-Myc Tag

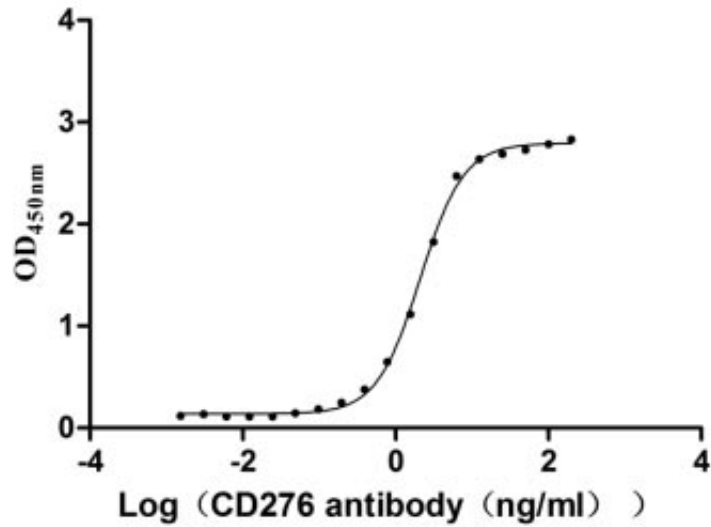
Product Information

Cat	IMP-6005
Official Symbol	CD276
Product Overview	Recombinant Human CD276 protein(Q5ZPR3)(29-245aa), fused with C-terminal hFc and Myc tag, was expressed in HEK293.
Expression System	HEK293
Species	Human
Tag	C-hFc-Myc Tag
Form	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Molecular Mass	53.4 kDa
Protein length	29-245aa
AA Sequence	LEVQVPEDPVVALVGTDATLCCSFSPPEPGFSLAQLNLIWQLTDTKQLVHS FAEGQDQGSAYANRTALFPDLLAQGNASRLRQVRVADEGSFTCFVSIR DFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDVTITCSSYQGYPEAEVF WQDGGQVPLTGNVTTSQMANEQGLFDVHSILRVVLGANGTYSCLVRNP VLQQDAHSSVTITPQRSPTG
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 93% as determined by SDS-PAGE.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CD276 at 2 µg/ml can bind Anti-CD276 rabbit monoclonal antibody, the EC50 of human CD276 protein is 1.961-2.243 ng/ml.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

SDS-PAGE



Bioactivity-ELISA 1



Measured by its binding ability in a functional ELISA. Immobilized CD276 at 2 ug/ml can bind Anti-CD276 rabbit monoclonal antibody, the EC50 of human CD276 protein is 1.961-2.243 ng/ml