

CD276 molecule (CD276) Active Protein | CD276 active protein

Recombinant Macaca fascicularis CD276 molecule (CD276), partial (Active)

CATALOG #
AAA279374

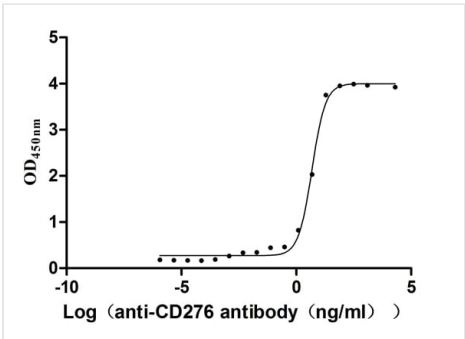
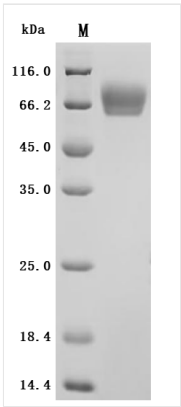
HOST
Mammalian Cell

PRODUCT SYNONYMS

CD276 molecule (CD276); Recombinant Macaca fascicularis CD276 molecule (CD276); partial (Active); CD276 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4.
Sequence	LEVQVPEDPV VALVGTDATL RCSFSPEPGF SLAQLNLIWQ LTDTKQLVHS FTEGRDQGSA YANRTALFLD LLAQGNASLR LQVRVVADEG SFTCFVSIRD FGSAAVSLQV AAPYSKPSMT LEPNKDLRPG DTVTITCSSY RGYPEAEVFW QDGQGAPLTG NVTTSQMANE QGLFDVHSLV RVVLGANGTY SCLVRNPVLQ QDAHGSITIT PQRSPTGAVE VQVPEDPVVA LVGTDATLRC SFSPEPGFSL AQLNLIWQLT DTKQLVHSFT EGRDQGSAYA NRTALFLDLL AQGNASLR LQVRVVADEGSF TCFVSIRDFG SAAVSLQVAA PYSKPSMTLE PNKDLRPGDT VTITCSSYRG YPEAEVFWQD GQGAPLTGNV TTSQMANEQG LFDVHSLVRV VLGANGTYSC LVRNPVLQQD AHGSVTITGQ PMTFPPE
Sequence Length	29-465aa; Partial
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CD276 at 2ug/mL can bind Anti-CD276 recombinant antibody . The EC50 is 4.299-5.373ng/mL.
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.



Activity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for CD276 active protein	Immunology
References	Warren W., Wilson R.K.Submitted to EMBL/GenBank/DDBJ databases (MAR-2013)

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A0A7N9CYV2
Molecular Weight	48.4kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/cd276-molecule-cd276/279374>