

Product Datasheet

Recombinant *Macaca fascicularis* CD276 molecule(CD276), partial (Active) (orb2659154)

Catalog Number	orb2659154
Description	Recombinant <i>Macaca fascicularis</i> CD276 molecule(CD276), partial (Active)
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.
Form/Appearance	Lyophilized powder
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	C-terminal 10xHis-tagged
Note	For research use only
Application notes	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.
Protein Sequence	LEVQVPEDPVVALVGTDATLRCSFSPEPGFSLAQLNLIWQLTDTKQLVHSFTEGRDQGSAY ANRTALFLDLLAQGNASRLRLQVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEP NKDLRPGDVTITCSSYRGYPEAEVFWQDQGAPLTGNVTTSQMANEQGLFDVHSVLRVV LGANGTYSCLVRNPVLQQDAHGSITITPQRSPTGAVEVQVPEDPVVALVGTDATLRCSFSPE PGFSLAQLNLIWQLTDTKQLVHSFTEGRDQGSAYANRTALFLDLLAQGNASRLRLQVRVAD EGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDVTITCSSYRGYPEAEVFW QDQGAPLTGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDAHGSVTI TGQPMTFPPE
Purity	Greater than 95% as determined by SDS-PAGE.

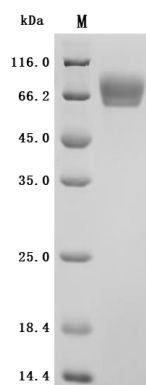
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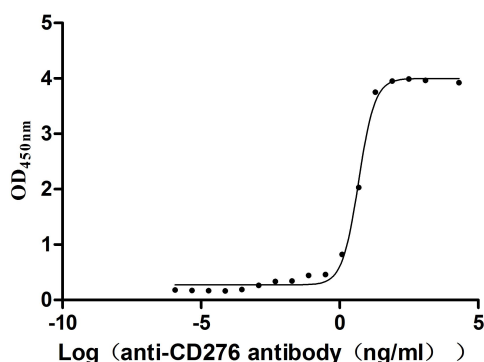
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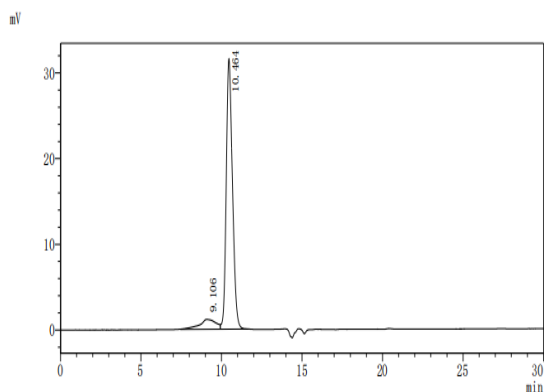
Source	Mammalian cell
MW	48.4 kDa
Uniprot ID	A0A7N9CYV2
Expiration Date	6 months from date of receipt.



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



Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CD276 at 2 µg/ml can bind Anti-CD276 recombinant antibody. The EC₅₀ is 4.299-5.373 ng/mL.



The purity of CD276 was greater than 90% as determined by SEC-HPLC

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