

## Product Datasheet

# Recombinant *Macaca fascicularis* CUB domain containing protein 1 (CDCP1), partial (Active) (orb1882053)

<b>Catalog Number</b>	orb1882053
<b>Category</b>	Proteins
<b>Description</b>	This Recombinant <i>Macaca fascicularis</i> CUB domain containing protein 1 (CDCP1), partial (Active) spans the amino acid sequence from region 30-667aa. Purity: Greater than 95% as determined by SDS-PAGE.
<b>Tag</b>	C-terminal 10xHis-tagged
<b>Form/Appearance</b>	Lyophilized powder
<b>Buffer/Preservatives</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Protein Sequence</b>	FEIALPRESNITVLIKLGTPDLLAKPCYIVISKRHTTMLS IKPGERILFTFSCQSPENHFVIEIQKNI DCMSGPCPFGEVQLQPSTSL LPTLNRTFIWDVKAHKSIGLELQFSIPRLRQFGPGESCPDGV TYSISGRIDATVVRIGTFCSNGTVSRIKMQEGVKMALHLPWFHPRNVSGFSIANRSSIKRLCII ESVFEGEGSATLMSANYPEGFPEDLM TWQFVIPAHLRASVSFLNFNLSNCERKEERVEYI PGSTTNPEVFKLEDKQPGNMAGNFNLSLQGCDDAQNPGILRLQFQVLVQHPQNESNKIY VVDLSNERATSLTIEPRPVKQSRKFVPGCFVCLESRTCSTNLTLSGSKHKISFLCDNLTRLW MNVEKNISCTDHRVCQRKSYSLQVPSDIFHLPVELHDFSWKLLVPKDRLSLVLPVPAQKLQQ HTHEKPCNTSFSYLVASAIPSQDLYFGSFCPGGSIEQIQVKQNISVTLRTFAPSFRQEASRQG LTVSFIPYFKEEGVFTVTPDTKSKVYL RTPNWD RGLPSLTSVSWNISVPRDQVACLTFKERT GVVCQTGRAFMIIQEQRTRAEEIFSLDEDALPKPRFHHSFWVNISNCSPASGKQLDLLFW VTLTPRTVDLT
<b>Protein Length</b>	Partial

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<b>UniProt ID</b>	<b>A0A2K5VLA8</b>
<b>MW</b>	73.5 kDa
<b>Application notes</b>	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.
<b>Endotoxins</b>	Less than 1.0 EU/μg as determined by LAL method.
<b>Source</b>	Mammalian cell
<b>Biological Origin</b>	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CDCP1 at 2 μg/mL can bind Anti-CDCP1 recombinant antibody, the EC50 is 1.861-2.330 ng/mL.
<b>Expression Region</b>	30-667aa
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

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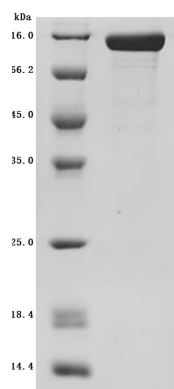
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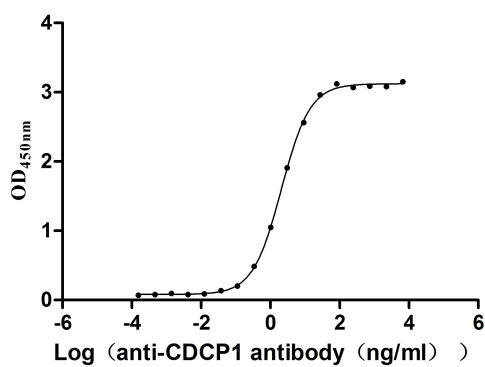
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* CDCP1 at 2 $\mu$ g/mL can bind Anti-CDCP1 recombinant antibody, the EC<sub>50</sub> is 1.861-2.330 ng/mL.

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