

Product Datasheet

Recombinant *Macaca fascicularis* Cadherin-1 (CDH1), partial (Active) (orb2658097)

Catalog Number	orb2658097
Category	Proteins
Description	This Recombinant <i>Macaca fascicularis</i> Cadherin-1 (CDH1), partial (Active) spans the amino acid sequence from region 155-708aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	DWVIPPISCPENEKGFPPKLNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVT EPLDRENIATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPVFTQEVFKGSMEGALPGT SVMEVTATDADDDVNTYNAAIAYSILSQDPELPDKNMFTINKNTGVISVTTGLDRESFPMY TLVVQAADLQGEGLSTTATAVITVTDNDNPPVFNPTTYKGQVPENQANFVITTLKVTDADA PNTPAWEAVYTILNDNDGQFVVTTNPVTNDGILKTAKGLDFEAKQQYILHVAVTNVAPFEVS LTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFGVGQEITSYTAREPDTFMEQKITYRIWRD AANWLEINPDTGAISTRAELDREDVEHVKNSTYTAIIATDNGSPVATGTGTLILLSDVNDN APIPESRNLFFCERNPKPQVINIIDADLPPNTSPFTAELMHGASANWTIEYNDPTQESIILKPKI ALEVGDYKINLKLMDNQKKDQVTTLEVSVCDCEGAAGICKKAPLVEAGMQIP
Protein Length	Partial
UniProt ID	A0A2K5V299
MW	61.9 kDa

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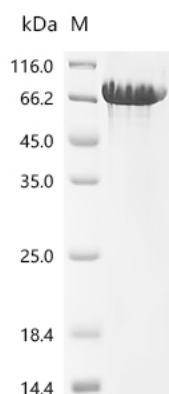
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Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (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.
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Source	Mammalian cell
Biological Origin	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CDH1 at 2 μg/mL can bind Anti-CDH1 recombinant antibody. The EC50 is 2.256-2.744 ng/mL.
Expression Region	155-708aa
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.
Note	For research use only
Expiration Date	6 months from date of receipt.



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

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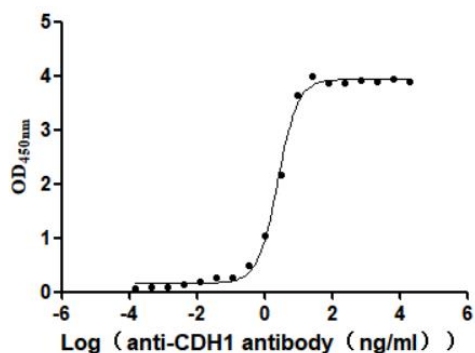
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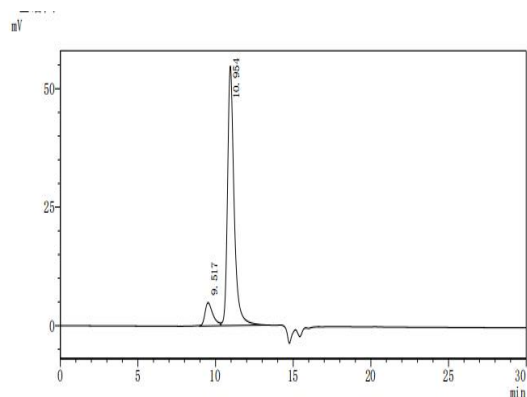
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Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CDH1 at 2 µg/ml can bind Anti-CDH1 recombinant antibody. The EC₅₀ is 2.256-2.744 ng/mL.



The purity of CDH1 was greater than 95% as determined by SEC-HPLC

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