



Recombinant *Macaca fascicularis* ADAM metallopeptidase domain 9 (ADAM9), partial (Active)

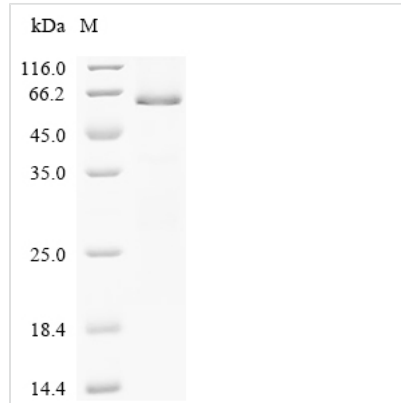
Product Code	CSB-MP7133MOVd7
Abbreviation	Recombinant Cynomolgus monkey ADAM9 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A0A2K5X4X8
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> ADAM9 at 2 µg/mL can bind Anti-ADAM9 recombinant antibody (CSB-RA618774MA1HU). The EC50 is 1.329-1.813 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	AARPGFQQTSHLSSYEITPWRLTRERREAPRPYSKQVSYLIQAEGKEHIIHLER NKDLLPEDFVVYTYNKEGTVIDHPNIQNHCHFRGYVEGVYNSSVALSNCFGL RGLLHLENASYGIEPLQNSSHFEHIIYRMDDVHKEPLKCGVSNKDIEKETTDE EEPPSMTQLLRRRRAVLPQTRYVELFIVVDKERYDMMGRNQTAVREEMILLA NYLDSMYIMLNIRIVLVGLEIWTNGNLINIAGGAGDVLGNFVQWREKFLITRRRH DSAQLVLKKGFGGTAGMAFVGTVCSRSHAGGINVFGHITVETFASIVAHHELGH NLGMNHDDGRDCSCGAKSCIMNSGASGSRNFSSCSAEDFEKLTNLKGGNCL LNIPKPDEAYSAPSCGNKLV DAGEECDCGTPKECELDPCCEGSTCKLKSFAEC AYGDCCCKDCRFLPGGTLCRGR TSECDVPEYCN GSSQFCQPDVFIQNGYPCQ NNKAYCYNGMCQYYDAQCQVIFGSKAKAAPKDCFIEVNSKGD RFGNCGFSG NEYKKCATGNALCGKLCENVQEIPVFGIVPAIIQTPSRG TKCWGVDFQLGSD VPDPGMVNEGTKCGADKICRNFCVDASVLNYDCDIQKKCHGHGVCNSNKN CHCENGWAPPNCETKGYGGSVD SGP TYNEMNTALRDG
Source	Mammalian cell
Target Names	ADAM9
Expression Region	29-698aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged



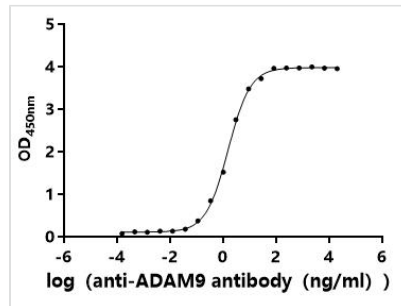
Mol. Weight 75.5 kDa

Protein Length Partial

Image



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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* ADAM9 at 2 µg/ml can bind Anti-ADAM9 recombinant antibody (CSB-RA618774MA1HU). The EC₅₀ is 1.329-1.813 ng/mL.

Endotoxin Less than 1.0 EU/ug as determined by LAL method.

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.

Shelf Life 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.