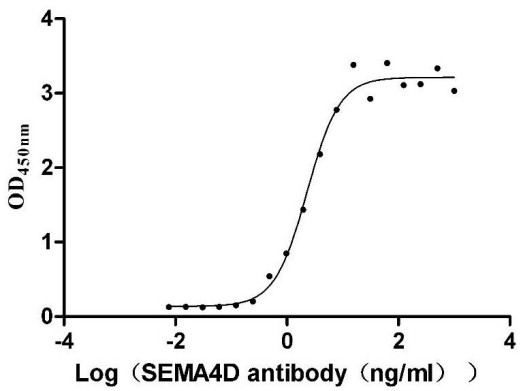
Recombinant Rhesus macaque SEMA4D protein(24-734aa), His-tagged

Cat. No. SEMA4D-3928R **Lot. No.** (See product label)

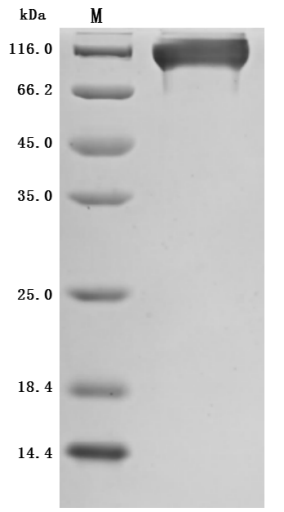
SPECIFICATION

Product Overview	Recombinant Rhesus macaque SEMA4D protein(H9FNS0)(24-734aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	24-734aa
Form	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Rhesus macaque SEMA4D at 2 μg/mL can bind Anti-SEMA4D recombinant antibody, the EC50 is 1.943-2.724 ng/mL.
Molecular Mass	81.9 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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.
AA Sequence	FAPIPRITWEHREVRLVQFHEPDIYNYSALLLSEDKDTLYIGAREAVFAVNALNISEKQ HEVYWKVSEDKKAKCAEKGKSKQTECLNYIRVLQPLSATSLYVCGTNAFQPACDHL NLTSFKFLGKNEDGKGRCPFDPAHSYTSVMVDGELYSGTSYNFLGSEPIISRNSSHS PLRTEYAIPWLNEPSFVFADVIRKSPDSPDGEDDRVYFFFTEVSVEYEFVFRVLIPRIA RVCKGDQGGLRTLQKKWTSFLKARLICSRPDSSLVFNVLRDVFVLRSPGLKVPVFYA LFTPQLNNVGLSAVCAYNLSIAEEVFSHGKYMQSATVEQSHTKWVRYNGPVPKPRP GACIDSEARAANYTSSLNLPDKTLQFVKDHPLMDDSVTPIDNRPRLIKKDVNYTQIVV DRTQALDGTVYDVMFVSTDRGALHKAISLEHAVHIIEETQLFQDFEPVQTLLLSSKKG RRFVYAGSNSGVVQAPLAFCGKHGTCEDCVLARDPYCAWSPPTATCVALYQTESP SRGLVQEMSGDASVCPDKSKGSYRQHFFKHGGTAELKCSQKSNLARVFWKFQNG VLKAESPKYGLMGRKNLLIFNLSEGDSGVYQCLSEERVKNKTVFQVVAKHVLEVKVV PKPVVAPTLSVVQTEGSRIATKVLVASTQGSSPPTPAVQATSSGAITLPPKPVPTSTS CEPKIVINTVPQLHSEKTMYLKSSDNR
Activity	

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SDS-PAGE	

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