

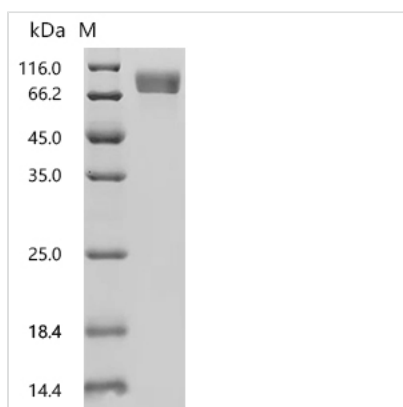


Recombinant *Macaca fascicularis* Platelet-derived growth factor receptor alpha (PDGFRA), partial (Active)

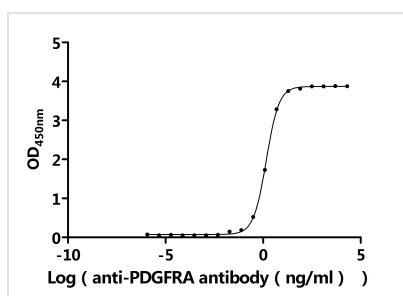
Product Code	CSB-MP7222MOV
Abbreviation	Recombinant <i>Cynomolgus</i> monkey PDGFRA protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q0PW86
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) (<i>Cynomolgus</i> monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> PDGFRA at 2 µg/mL can bind Anti-PDGFRA recombinant antibody (CSB-RA017712MA1HU). The EC50 is 1.368-1.519 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	QLSLPSILPNENEKVVQLNSSFSLRCFGESEVSWQYPMSEEENS DVEIRNEEN NSGLFVTVLEVSSASAAHTGLYTCYYNHTQTEENELEGRHIYIYVDPDVAFVP LGMTDYLVIVEDDDSAIIPCRTTDPETPVTLHNSEGVPASYNRQGFNGTFTV GPYICEATVKGKKFQTIPFNVYALKATSELDLEMEALKTVYKSGETIVVTCAVFN NEVVDLQWTPGVEVKGKGITMLEEIKVPSIKLVYTLTVPPEATVKDSGDYECAAR QATREVKEMKRVTISVHEKGFIEIKPTFSQLEAVNLHEVKHFVVEVQAYPPPRIS WLKNNLTIENL TEITTDVEKIQEIRYRSKLLIRAKEEDSGHYTIVAQNEDDVKS YTFELLTQVPSSILDVDDHHGSTGGQTVRCTAEGMPLPDIEWMICKDIKKCNN ETSWTILANNVSNIITEIHPRDRSTVEGLVTFKVEETIAVRCLAKNLLGAENREL KLVAPTLRSE
Source	Mammalian cell
Target Names	PDGFRA
Expression Region	24-524aa
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	57.6 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* PDGFRA at 2 $\mu\text{g/ml}$ can bind Anti-PDGFR recombinant antibody (CSB-RA017712MA1HU). The EC_{50} is 1.368-1.519 ng/mL.

Endotoxin

Less than 1.0 EU/ μg 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.