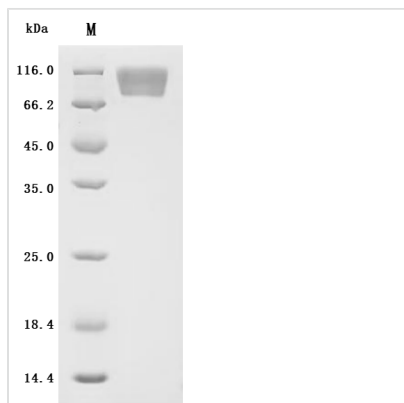


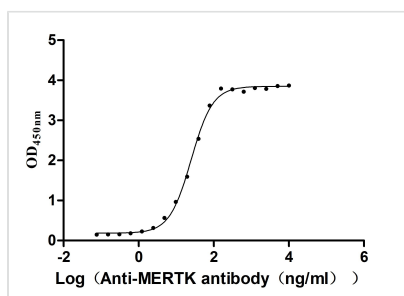


Recombinant *Macaca fascicularis* tyrosine-protein kinase Mer (MERTK), Partial (Active)

Product Code	CSB-MP6050MOV
Abbreviation	Recombinant Cynomolgus monkey MERTK 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.	XP_005575320.1
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm 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 Cynomolgus MERTK at 2 μg/mL can bind Anti-MERTK recombinant antibody (CSB-RA621519A1HU). The EC50 is 23.48-26.59 ng/mL.
Sequence	AITEAREEAKPYPLFPGLPLGSLQTDHTSLLSLPHTSGYQPALMFSPPTQGRP YTGNVAIPRVTSAGSKLLPPLAFKHTVGHILSEHKDVKFNCSISVPNIYQDTTIS WWKDGKELLGAHHAITQFYPDDEVTAIIASFISVQQRSDNGSYICKMKINNEEI VSDPIYIEVQGLPHFTKQPESMNVTNRNTAFNLTCQAVGPPPEPVNIFWVQNSSR VNEQPEKSPSVLTVPGLTEMAVFSCEAHNDKGLTVSKGVQINIKAIKAIKSPPTTEVSI HNSTAHSILISWVPGFDGYSPFRNCSVQVKEVDPLSNGSVMIFNTSASPHMYQ IKQLQALANYSIGVSCMNEIGWSAVSPWILASTTEGAPSVAPLNVTVFLNESRD NVDIRWMKPLTKRQAGELVGYRISHVWQSAGISKELLEEVGQNNNSRAQISVQV HNATCTVRIAAVTKGGVGPFSDPVKIFIPAHGWVDHAPSSTPAPGNADPVLII
Source	Mammalian cell
Target Names	MERTK
Expression Region	23-507aa
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	54.1 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 Cynomolgus MERTK at 2 $\mu\text{g/ml}$ can bind Anti-MERTK recombinant antibody (CSB-RA621519A1HU). The EC_{50} is 23.48-26.59 ng/mL.

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.