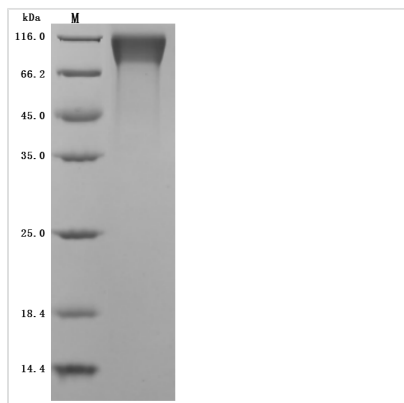


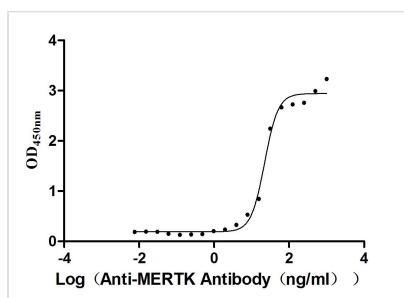


Recombinant Mouse Tyrosine-protein kinase Mer (Mertk), partial (Active)

Product Code	CSB-MP723346MO
Abbreviation	Recombinant Mouse 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.	Q60805
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Mertk at 2 μg/mL can bind anti-MERTK recombinant antibody?CSB-RA621519A1HU?, the EC ₅₀ is 19.22-25.80 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	GGTAEKWEETELDQLFSGPLPGRLPVNHPRPFSAPHSSRDQLPPPQTGRSHPA HTAAPQVTSTASKLLPPVAFNHTIGHIVLSEHKNVKFNCINIPNTYQETAGISW WKDGKELLGAHHSITQFYPDEEGVSIILFASVQRSDNGSYFCKMKVNNREI VSDPIYVEVQGLPYFIKQPESVNVTRNTAFNLTCQAVGPPPEPVNIFWVQNSSR VNEKPERSPSVLTVPGLTETAVFSCEAHNDKGLTVSKGVHINIKVIPSPPTVEVHI LNSTAHSILVSWVPGFDGYSPLQNCISIQVKEADRLSNGSVMVFNTSASPFLYE IQQQLALANYSIAVSCRNEIGWSAVSPWILASTTEGAPSVAPLNITVFLNESNNI LDIRWTKPPIKRQDGELVGYRISHVWESAGTYKELSEEVSQNGSWAQIPVQIH NATCTVRIAAITKGGIGPFSEPVNIIPEHSKVDYAPSSTPAPGNTDSM
Source	Mammalian cell
Target Names	Mertk
Expression Region	19-497aa
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	55.0 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 Mouse Mertk at 2 µg/ml can bind anti-MERTK recombinant antibody?CSB-RA621519A1HU?, the EC₅₀ is 19.22-25.80 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.