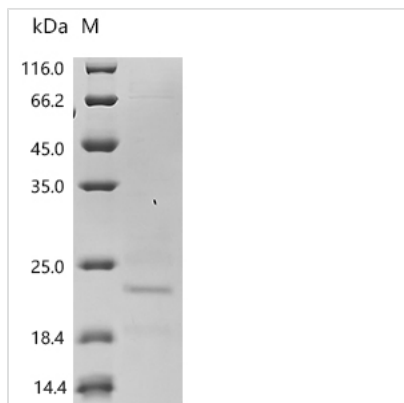


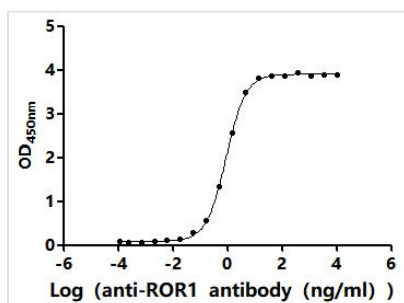


Recombinant Mouse Inactive tyrosine-protein kinase transmembrane receptor ROR1 (Ror1), partial (Active)

Product Code	CSB-MP4008MO
Abbreviation	Recombinant Mouse Ror1 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.	Q9Z139
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ror1 at 2 µg/mL can bind Anti-ROR1 recombinant antibody (CSB-RA020067MA2HU). The EC50 is 0.8551-0.9363 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	QETELSVSAELVPTSSWNTSSEIDKGSYLTLDEPMNITTSLGQTAELHCKVSG NPPPSIRWFKNDAPVVQEPRRISFRATNYGSRLRIRNLDTTDTGYFQCVATNG KKVVSTTGVLVFKFGPPPTASPGSSDEYEEDGFCQPYRGIACARFIGNRTVYM ESLHMQGEIENQITAAFTMIGTSSHLSDKCSQFAIPSLCHYAFPYCDTSSVPK PRDLCRDECEVLENVLCQTEYIFARSNPMILMRLKLPNCEDLPQPESPEAANCI RIGIPMADPINKNHKCYNSTGVDYRGTVSVTKSGRQCQPWNSQYPHTHSFTA LRFPELNNGGHSYCRNPGNQKEAPWCFTLDENFKSDLCDIPACDSKDSKEKNK ME
Source	Mammalian cell
Target Names	Ror1
Expression Region	30-403aa
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	44.6 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 Mouse Ror1 at 2 µg/ml can bind Anti-ROR1 recombinant antibody (CSB-RA020067MA2HU). The EC₅₀ is 0.8551-0.9363 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.