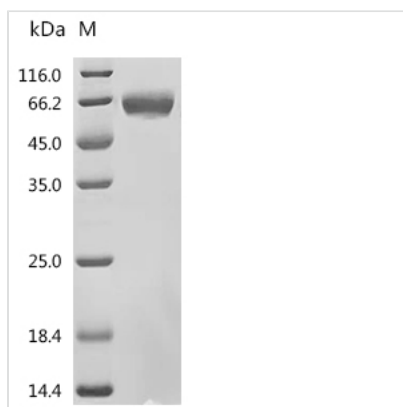


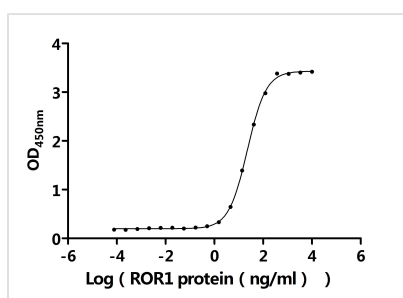


Recombinant Human Inactive tyrosine-protein kinase transmembrane receptor ROR1 (ROR1), partial, Biotinylated (Active)

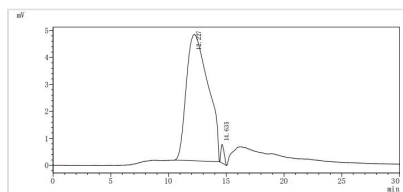
Product Code	CSB-MP020067HU1k7-B
Abbreviation	Recombinant Human ROR1 protein, partial, Biotinylated (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q01973
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	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Anti-ROR1 recombinant antibody(CSB-RA020067MA2HU) at 2 µg/mL can bind Human ROR1. The EC50 is 21.01-24.28 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	QETELSVSAELVPTSSWNISSELNKDSYLTLDPEMNNITSLGQTAELHCKVSG NPPPTIRWFKNDAPVVQEPRRLSFRSTIYGSRLRIRNLDTTDTGYFQCVATNG KEVVSSTGVLVFKFGPPPTASPGYSDEYEEDGFCQPYRGIACARFIGNRTVYM ESLHMQGEIENQITAAFTMIGTSSHLSDKCSQFAIPSLCHYAFPYCDTSSVPK PRDLCRDECEILENVLCQTEYIFARSNPMILMRLKLPNCEDLPQPESPEAANCI RIGIPMADPINKNHKCYNSTGVVDYRGTVSVTKSGRQCQPWNSQYPHTHTFTA 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-Avi-tagged
Mol. Weight	45.6 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 Anti-ROR1 recombinant antibody (CSB-RA020067MA2HU) at 2 µg/ml can bind Human ROR1. The EC₅₀ is 21.01-24.28 ng/mL.



The purity of ROR1 was greater than 95% as determined by SEC-HPLC

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.