

Product Datasheet

Recombinant Human Inactive tyrosine-protein kinase transmembrane receptor ROR1 (ROR1), partial (Active) (orb1095872)

Catalog Number	orb1095872
Category	Proteins
Description	Recombinant Human Inactive tyrosine-protein kinase transmembrane receptor ROR1(ROR1),partial (Active)
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	QETELSVSAELVPTSSWNISSELNKDSYLTLDPEMNNITSLGQTAEHCKVSGNPPPTIRWF KNDAPVVQEPRRLSFRSTIYGSRLRIRNLDTTDTGYFQCVATNGKEVVSSTGVLFVKFGPPP TASPGYSDEYEEDGFCQPYRGIACARFIGNRTVYMESLHMQGEIENQITAAFTMIGTSSHLS DKCSQFAIPSLCHYAFPYCDETSSVPKPRDLRCRDECEILENVLCQTEYIFARSNPMLMRLKLP NCEDLPQPESPEAANCIRIGIPMADPINKNHKCYNSTGVDYRGTVSVTKSGRQCQPWNSQY PHTHTFTALRFPELNGGHSYCRNPGNQKEAPWCFTLDENFKSDLCDIPACDSKDSKEKNK ME
Protein Length	Partial
UniProt ID	Q01973
MW	44.8 kDa

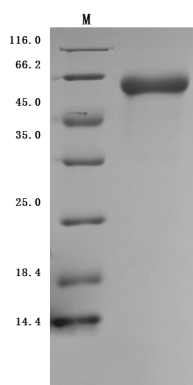
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Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (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.
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized ROR1 at 2 µg/mL can bind anti-ROR1 antibody, the EC50 is 0.2450-0.3416 ng/mL.
Expression Region	30-403aa
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.
Note	For research use only



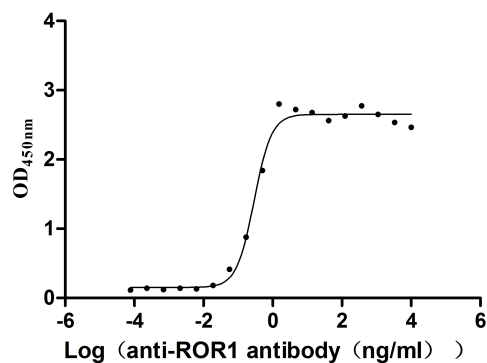
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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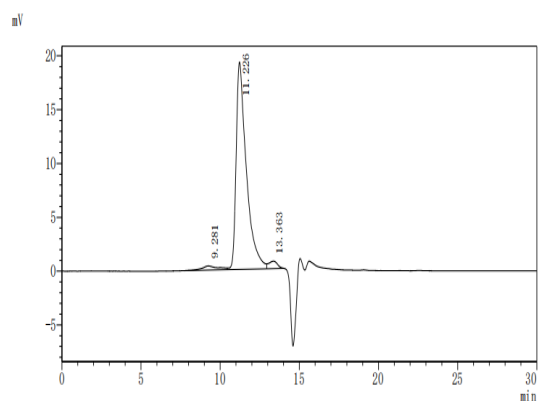
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Measured by its binding ability in a functional ELISA.
Immobilized ROR1 at 2 µg/ml can bind anti-ROR1 antibody, the EC₅₀ is 0.2450-0.3416 ng/mL.



The purity of ROR1 was greater than 90% as determined by SEC-HPLC

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