

**Catalog No.: RP02668** **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	26563	09Z139

## C-His

**Synonyms**  
ROR1; NTRKR1; dI537F10.1

<b>Source</b> HEK293 cells	<b>Purification</b> ≥ 95 % as determined by Tris- Bis PAGE; ≥ 95 % as determined by HPLC.
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43.28 kDa                      58-68 kDa

< 1 EU/μg of the protein by LAL method.

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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ROR1 (Receptor tyrosine kinase-like orphan receptor 1), also known as neurotrophic tyrosine kinase receptor-related 1 (NTRKR1),<sup>7</sup> is a member of the ROR family within receptor tyrosine kinases (RTK) superfamily. Two ROR family members (ROR1 and ROR2) have been identified and are characterized by the intracellular tyrosine kinase domains, highly related to those of the Trk-family receptor tyrosine kinases, and by the extracellular Frizzled-like cysteine-rich domains and kringle domains, which are common to receptors of the Wnt family members.

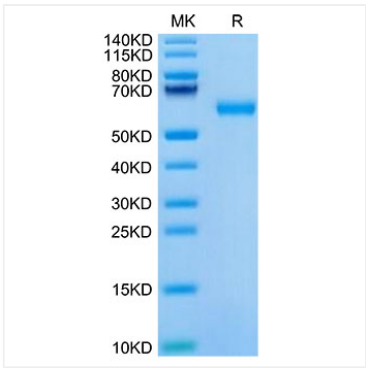
Recombinant Mouse ROR1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Gln30-Tyr406.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

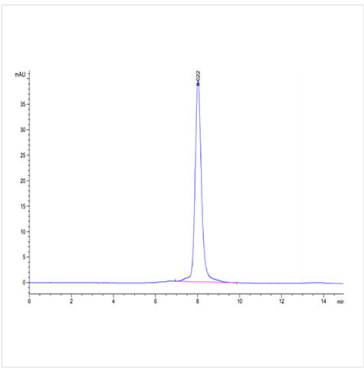
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

# Validation Data



Recombinant Mouse ROR1 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Mouse ROR1 is greater than 95% as determined by SEC-HPLC.