Recombinant Mouse ROR1 Protein

Catalog No.: RP02668

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Sequence Information

Species
Mouse

Gene ID
26563

Swiss Prot
Q9Z139

Tags
C-His

Synonyms
ROR1; NTRKR1; dJ537F10.1

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
43.28 kDa

Observed MW
58-68 kDa

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

Formulation

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

ROR1 (Receptor tyrosine kinase-like orphan receptor 1), also known as neurotrophic tyrosine kinase receptor-related 1 (NTRKR1),? 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.

Basic Information

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

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

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

Contact

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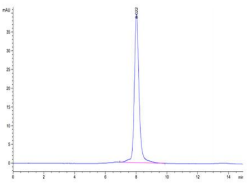
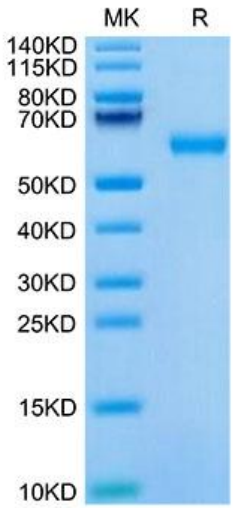
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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



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