

RP00438

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Recombinant Human ROR1 Protein

Catalog No.: RP00438

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	4919	Q01973

Tags

C-6×His

Synonyms

ROR1;NTRKR1;dj537F10.1

Background

This protein belongs a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Basic Information

Description

Recombinant Human ROR1 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Gln30-Glu403) of human ROR1 (Accession #Q01973) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.
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.

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

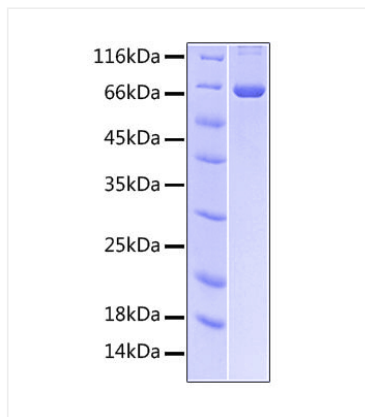
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human ROR1 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 70 kDa.