

Datasheet for ABIN6964076  
**ROR2 Protein (His tag)**



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1 Image

### Overview

Quantity:	100 µg
Target:	ROR2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROR2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human ROR2 Protein with C-terminal 6xHis tag
Specificity:	ROR2 (Glu34-Gly403) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	ROR2
Alternative Name:	ROR2 ( <a href="#">ROR2 Products</a> )
Background:	Synonyms: ROR2,NTRKR2 Description: The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The

## Target Details

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protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance.

**Molecular Weight:** predicted molecular mass of 42.2 kDa after removal of the signal peptide. The apparent molecular mass of ROR2-His is 55-70 kDa due to glycosylation.

**Gene ID:** 4920

**UniProt:** [Q01974](#)

**Pathways:** [RTK Signaling](#), [WNT Signaling](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Reconstitute with deionized water

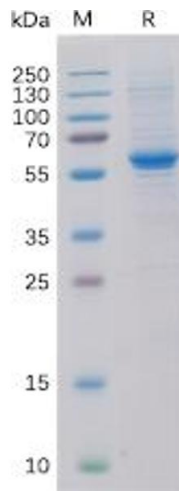
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Preservative:** Without preservative

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Human ROR2 Protein, His Tag on SDS-PAGE under reducing condition.