

# **Recombinant Human ROR2 Protein**

Catalog No.: RP02479 Recombinant

# **Sequence Information**

 Species
 Gene ID
 Swiss Prot

 Human
 4920
 A1L4F5(Q019

 74)
 74)

# Tags

C-His&Avi

## **Synonyms**

BDB; BDB1;

NTRKR2;ROR2;BDB1;NTRKR2

# **Product Information**

**Source** Purification HEK293 cells ≥ 95 % as

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

#### Calculated MW Observed MW

54-65 kDa 54-58 kDa

#### **Endotoxin**

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

## **Formulation**

Lyophilized from a 0.22  $\mu m$  filtered solution of PBS, pH 7.4.

#### 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.

### Contact

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# **Background**

## **Basic Information**

#### Description

Recombinant Human ROR2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Val34-Gly403) of Human ROR2 fused with His and Avi tag at the C-terminal.

#### **Bio-Activity**

## **Shipping**

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

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

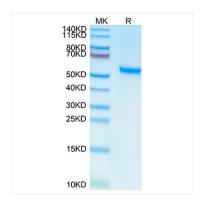
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

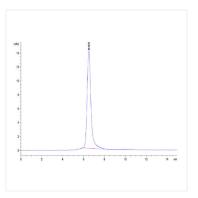
### **Operational Notes**

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

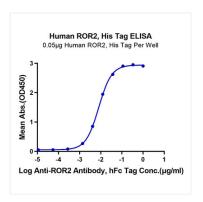
# **Validation Data**



Recombinant Human ROR2 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human ROR2 is greater than 95% as determined by SEC-HPLC.



Immobilized Human ROR2, His Tag at  $0.5\mu g/ml$  (100 $\mu l/Well$ ) on the plate. Dose response curve for Anti-ROR2 Antibody, hFc Tag with the EC<sub>50</sub> of 8ng/ml determined by ELISA.