

Active GMP Recombinant Human ROR1 protein

Cat. No. ROR1-014HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human ROR1 protein(NP_001077061)(374 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human ROR1(UniProtKB/Swiss-Prot: Q01973) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	Functional enzyme-linked immunosorbent assay was used to determine its binding capacity. Ability to bind biotinylated Recombinant Human/mouse Wnt-5a in a functional enzyme-linked immunosorbent assay. The ED50 of this effect is 10-50ug/ml.
Molecular Mass	Recombinant Human ROR1 protein contains 374 aa. It has a predicted MW of 43.7 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC

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Storage

The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

ROR1 receptor tyrosine kinase-like orphan receptor 1 [Homo sapiens]

Official Symbol

ROR1

Synonyms

ROR1; NTRKR1

Gene ID

4919

mRNA Refseq

NM_001083592

Protein Refseq

NP_001077061

MIM

602336

UniProt ID

Q01973

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