Active GMP Recombinant Human ROR1 protein, Fc-tagged

Cat. No. ROR1-093HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human ROR1 protein(NP_001077061)(461 aa), fused with Fc 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 B7-H4(UniProtKB/Swiss-Prot: Q01973) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human B7-H4 (Fc Tag) at 1ug/mL (100 uL/well) that can bind to Anti-human B7-H4 monoclonal antibody (mouse) is 0.1-10ng/mL.
Molecular Mass	Recombinant Human B7-H4 protein contains 461 aa. It has a predicted MW of 52.6 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
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

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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	NTRKR1; dJ537F10.1
Gene ID	4919
mRNA Refseq	NM_001083592
Protein Refseq	NP_001077061
MIM	602336
UniProt ID	Q01973

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