

Recombinant Human ROR1, Fc-tagged, Biotinylated

Cat. No. ROR1-666H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human ROR1-Fc fusion is expressed as a 602 amino acid protein consisting of Gln30 - Glu403 region of ROR1 (Uniprot #Q01973) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	30-403 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Molecular Mass	Calculated molecular mass (kDa): 67.5; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the LAL>
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw

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cycles.

Conjugation Biotin

GENE INFORMATION

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

Official Symbol ROR1

Synonyms ROR1; receptor tyrosine kinase-like orphan receptor 1; NTRKR1; tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase receptor-related 1; neurotrophic tyrosine kinase, receptor-related 1; dJ537F10.1; MGC99659;

Gene ID 4919

mRNA Refseq NM_001083592

Protein Refseq NP_001077061

MIM 602336

UniProt ID Q01973

Chromosome Location 1p32-p31

Pathway Nuclear Receptors, organism-specific biosystem;

Function ATP binding; Wnt-protein binding; kinase activity; nucleotide binding; receptor activity; transmembrane receptor protein tyrosine kinase activity;

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