

# Recombinant Human ROR1, His-tagged

**Cat. No.** ROR1-2358H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ROR1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | 250-364aa                                                                                                                                                            |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ROR1 receptor tyrosine kinase-like orphan receptor 1 [ Homo sapiens ]                                                                                                                                                                        |
| <b>Official Symbol</b> | ROR1                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | 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; |

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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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