

## Recombinant Human ROR1 protein, mFc-tagged

Cat. No. ROR1-1820H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human ROR1 protein(Gln 30 - Glu 403)(Q01973-1), fused to mFc tag, was expressed in HEK293.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Gln 30 - Glu 403   |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 68.9 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                  |
| <b>Endotoxin</b>        | Less than 0.1 EU per µg by the LAL method.   |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.  |
| <b>Storage</b>          | This product is stable after storage at:<br>-20°C to -70°C for 12 months in lyophilized state;<br>-70°C for 3 months under sterile conditions after reconstitution.            |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of   |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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; |
| <b>Gene ID</b>         | 4919   |
| <b>mRNA Refseq</b>     | NM_001083592   |
| <b>Protein Refseq</b>  | NP_001077061   |
| <b>MIM</b>             | 602336   |
| <b>UniProt ID</b>      | Q01973   |

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