

Active Recombinant Human / Cynomolgus / Rhesus macaque ROR1 protein, mFc-tagged

Cat. No. ROR1-0656H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human / Cynomolgus / Rhesus macaque ROR1 protein(Gln30-Glu403), fused with mFc tag, was expressed in HEK293. |
| Species | Human / Cynomolgus / Rhesus macaque |
| Source | HEK293 |
| ProteinLength | 30-403 a.a. |
| Form | 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. |
| Bio-activity | Immobilized Human / Cynomolgus / Rhesus macaque ROR1, Mouse IgG2a Fc Tag at 1 μg/mL (100 μL/well) can bind Anti-ROR1 Antibody, Human IgG1 Kappa with a linear range of 0.08-3 ng/mL. |
| Molecular Mass | This protein carries a mouse IgG2a Fc tag at the C-terminus. 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. |
| Proteinlength | Gln30-Glu403 |
| Endotoxin | Less than 0.1 EU per μg by the LAL method. |

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| Purity | >95% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| 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

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| 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 |

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