

## Recombinant Human ROR1, His-GST tagged

**Cat. No.** ROR1-540H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ROR1 (AAA60275.1) (Met453-Asn783), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	453-783 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 3mM DTT, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human ROR1/GST chimera consists of 568 amino acids and has a calculated molecular mass of 65.3 kDa. The recombinant protein migrates approximately 63 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. 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

**Gene ID** 4919

**mRNA Refseq** NM\_001083592

**Protein Refseq** NP\_001077061

**MIM** 602336

**UniProt ID** Q01973

**Chromosome Location** 1p32-p31

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