

## Active Recombinant Human ROR1 protein, His&GST-tagged

Cat. No. ROR1-2213H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ROR1 protein(AAA60275.1)(Met453-Asn783), fused with His&GST tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met453-Asn783
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 3mM DTT, 10% glycerol, pH 7.4.
<b>Bio-activity</b>	The specific activity was determined to be 0.3 nmol/min/mg using MBP as substrate.
<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>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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

**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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA