

## Recombinant Human ROR1 Protein, DDK/His-tagged

Cat. No. ROR1-755H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ROR1(Gln30-Lys393), transcript variant 2, fused with DDK/His tag at C-terminal was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	30-393 a.a.
<b>Description</b>	This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Form</b>	1 x PBS, pH7.4, 10% glycerol
<b>Molecular Mass</b>	44 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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**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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