

## Recombinant Human ROR2 Protein, DDK-tagged

Cat. No. ROR2-758H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ROR2(Met-Glu34-Gly403) fused with DDK tag at C-terminal was expressed in Sf9 cells.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	-34 a.a.
<b>Description</b>	<p>The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance.</p>
<b>Form</b>	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
<b>Molecular Mass</b>	41.3 kDa

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**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** >50 ug/mL as determined by microplate BCA method

## GENE INFORMATION

**Gene Name** ROR2 receptor tyrosine kinase-like orphan receptor 2 [ Homo sapiens ]

**Official Symbol** ROR2

**Synonyms** ROR2; receptor tyrosine kinase-like orphan receptor 2; BDB, BDB1, NTRKR2; tyrosine-protein kinase transmembrane receptor ROR2; neurotrophic tyrosine kinase receptor-related 2; BDB; BDB1; NTRKR2; MGC163394;

**Gene ID** 4920

**mRNA Refseq** NM\_004560

**Protein Refseq** NP\_004551

**MIM** 602337

**UniProt ID** Q01974

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