Recombinant Human ROR2 Protein, DDK/His-tagged

Cat. No. ROR2-757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROR2(Glu34-Gly403) fused with DDK/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	34-403 a.a.
Description	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.
Form	1 x PBS, pH7.4, 10% glycerol
Molecular Mass	44 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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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