

Recombinant Human ROR2, GST-tagged, Active

Cat. No. ROR2-423H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human ROR2 (427-end) was expressed by *baculovirus* in *Sf9* insect cell using an N-terminal GST tag. MW=86kDa.

Species Human

Source Sf9 Cells

Protein Length 427-end a.a.

Description ROR2 is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. ROR2 is selectively expressed in the chondrocytes of all developing cartilage anlagen, where it is essential during initial growth and patterning, as well as subsequently in the proliferating chondrocytes of mature growth plates, where it is required for normal expansion.

Sequence 427-end.

Applications Kinase Assay, Western Blot.

Storage And Stability Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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Gene Name	ROR2 receptor tyrosine kinase-like orphan receptor 2 [Homo sapiens]
Synonyms	ROR2; receptor tyrosine kinase-like orphan receptor 2; BDB; BDB1; NTRKR2; MGC163394; neurotrophic tyrosine kinase receptor-related 2; tyrosine-protein kinase transmembrane receptor ROR2; EC 2.7.10.1
Gene ID	4920
mRNA Refseq	NM_004560
Protein Refseq	NP_004551
MIM	602337
UniProt ID	Q01974
Chromosome Location	9q22
Function	ATP binding; magnesium ion binding; nucleotide binding; receptor activity; protein binding; transferase activity; transmembrane receptor protein tyrosine kinase activity

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