

Recombinant Human ROR1 Protein, His-tagged

Cat. No. ROR1-962H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human receptor tyrosine kinase like orphan receptor 1(ROR1) protein, transcript variant 2 (NM_001083592), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.290, without any preservatives.
Molecular Mass	43.6 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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](#)

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