

# Recombinant Full Length Human RORB Protein

Cat. No. RORB-438HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human ROR beta, isoform 1 (aa 1-459) with a N terminal proprietary tag: predicted molecular weight 76.56 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	459 amino acids
<b>Description</b>	The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	76.560kDa inclusive of tags
<b>AA Sequence</b>	MRAQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQQN NASYSCPRQRNCLIDRT NRNRCQHCRLLQKCLALGMSRDAV KFGRMSSKQRDSLYAEVQKHQQRLQEQRQQ QSGEAEALAR VYSSSISNGLSNLNNETSGTYANGHVIDLPKSEGYYNVDS GQPSP DQSGLDMTGIKQIKQEPIYDLTSPNLFYSSFNNGQLAPGITMTEIDRIAQNIKSHL ETCQYTMEELHQLAWQ THTYEEIKAYQSKSREALWQQCAIQITHAIQYVVEFAKRI T

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GFMELCQNDQILLKSGCLEVVLRMCRAFNP LNNTVLF EGKYGGMQMFKALGSD  
 DLVNEAFDFAKNLC SLQLTEEEIA LFSSAVLISP DRAWLIEPRKVQKLQEKIYFALQHV  
 IQKNH LDDETLAKLIAKIPTITAVCNLHG EKLVFKQSHPEIVNT LFPPLYKELFNPDC  
 ATGCK

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** [RORB RAR-related orphan receptor B \[ Homo sapiens \]](#)

**Official Symbol** [RORB](#)

**Synonyms** RORB; RAR-related orphan receptor B; nuclear receptor ROR-beta; NR1F2; ROR BETA; RZRB

**Gene ID** [6096](#)

**mRNA Refseq** [NM\\_006914](#)

**Protein Refseq** [NP\\_008845](#)

**MIM** [601972](#)

**UniProt ID** [Q92753](#)

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