

Recombinant Full Length Human RORB Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human ROR beta, isoform 1 (aa 1-459) with a N terminal proprietary tag: predicted molecular weight 76.56 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	459 amino acids
Description	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.
Form	Liquid
Molecular Mass	76.560kDa inclusive of tags
AA Sequence	MRAQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQQN NASYSCPRQRNCLIDRT NRNRCQHCRLQKCLALGMSRDAV KFGGRMSKKQRDSLYAEVQKHQQRLQEQRQQ QSGEAEALAR VYSSSISNGLSNLNNETSGTYANGHVIDLPKSEGYYNVDS GQPSP DQSGLDMTGIKQIKQEPIYDLTSVPNLFTYSSFNN GQLAPGITMTEIDRIAQNIKSHL ETCQYTMEELHQLAWQ THTYEEIKAYQSKSREALWQQCAIQITHAIQYVVEFAKRI T

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GFMELCQNDQILLKSGCLEVVLVRMCRAFNP LNNTVLF EGKYGGMQMFKALGSD
DLVNEAFDFAKNLC SLQLTEEEIA LFSSAVLISP DRAWLIEPRKVQKLQEKIYFALQHV
IQKNH LDDETLAKLIAKIPTITAVCNLHG EKLQVFKQSHPEIVNT 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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