

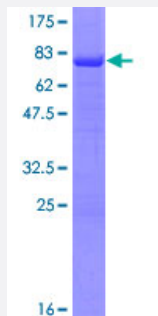
Full-Length

RORB (Human) Recombinant Protein (P01)

Catalog # H00006096-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RORB full-length ORF (NP_008845.2, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRAQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQNNASYSCPRQRNCLIDRTNRNRCQHCR
LQKCLALGMSRDAVKFGRMSKKQRDSLYAEVQKHQQRLQEQRQQQSGEAEALARVYSSISNG
LSNLNNETSGTYANGHVIDLPKSEGYNVDSGQSPDQSGLDMTGIKQIKQEPYDLTSVPLFTYS
SFNNGQLAPGITMTEIDRIAQNIKSHLETCQYTMEELHQLAWQHTYEEIKAYQSKSREALWQQCAI
QITHAIQYVVEFAKRITGFMELCQNDQILLKSGCLEVVLVRMCRAFNP LNNTVLFEGKYGGMQMF
KALGSDDL VNEAFDFAKNLCSLQLTEEEIALFSSAVLISPDRAWLIEPRKVQKLQEKIYFALQHVQ
KNHLDDETLAKLIAKIPTITAVCNLHGEKLQVFKQSHPEMNTLFPPLYKELFNPDCATGCK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RORB

Entrez GeneID [6096](#)

GeneBank Accession# [NM_006914.3](#)

Protein Accession# [NP_008845.2](#)

Gene Name RORB

Gene Alias NR1F2, ROR-BETA, RZR-BETA, RZRB, bA133M9.1

Gene Description RAR-related orphan receptor B

Omim ID [601972](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000021486|RAR-related orphan receptor beta|nuclear receptor RZR-beta|retinoic acid-binding receptor beta|retinoid-related orphan receptor beta

Publication Reference

- [GR and LSD1/KDM1A-Targeted Gene Activation Requires Selective H3K4me2 Demethylation at Enhancers.](#)

Clark EA, Wu F, Chen Y, Kang P, Kaiser UB, Fang R, Shi YG.

Cell Reports 2019 Jun; 27(12):3522.

Application: Func, Recombinant protein

Disease

- [Bipolar Disorder](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)