

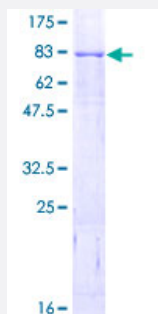
Full-Length

RORA (Human) Recombinant Protein (P01)

Catalog # H00006095-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RORA full-length ORF (NP_599024.1, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMYFVIAAMKAQIEIIPCKICGDKSSGIHYGVITCEGCKGFFRRSQQSNTATYSCPRQKNCLIDRTSRN
RCQHCLRLQKCLAVGMSRDAVKFGRMSKKQRDSLYAEVQKHRMQQQQRDHQQQPGEAEPLTP
TYNISANGLTELHDDL SNYIDGHTPEGSKADSAVSSFYLDIQSPDQSGLDINGIKPEPICDYTPASG
FFPYCSFTNGETSPTVSMAELEHLAQNISKSHLETCQYLREELQQITWQTFLQEEIENYQNKQREV
MWQLCAIKITEAIQYVVEFAKRIDGMELCQNDQVLLKAGSLEVVFIRMCRAFDSQNNVTYFDGKY
ASPDVFKSLGCEDFISFVFEFGKSLCSMHLTEDEIALFSAFVLMSADRSWLQEKVKIEKLQQKIQL
ALQHV LQKNHREDGILTKLICKVSTLRALCGRHTEKLMFAKAIYPDIVRLHFPPLYKELFTSEFEPAM
QIDG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.9

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 — RORA

Entrez GeneID[6095](#)**GeneBank Accession#**[NM_134262.1](#)**Protein Accession#**[NP_599024.1](#)**Gene Name**

RORA

Gene Alias

DKFZp686M2414, MGC119326, MGC119329, NR1F1, ROR1, ROR2, ROR3, RZR-ALPHA, RZRA

Gene Description

RAR-related orphan receptor A

Omim ID[600825](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It 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, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

RAR-related orphan receptor alpha|ROR-alpha|retinoic acid receptor-related orphan receptor alpha|retinoid-related orphan receptor alpha|transcription factor RZR-alpha

Disease

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- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
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