

# Recombinant Full Length Human RORA Protein, GST-tagged

Cat. No. RORA-6836HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human RORA full-length ORF ( NP_599024.1, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	468 amino acids
<b>Description</b>	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 encoded protein 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. Also, it has been shown to aid in the transcriptional regulation of some genes involved in circadian rhythm. Four transcript variants encoding different isoforms have been described for this gene.
<b>Molecular Mass</b>	79.9 kDa
<b>AA Sequence</b>	MMYFVIAAMKAQIEIIPCKICGDKSSGIHYGVITCEGCKGFFRRSQQSNATYSCPRQK NCLIDRTSRNRCQHCLRLQKCLAVGMSRDAVKFGRMSKKQRDSL YAEVQKHRMQQ QQRDHQQQPGEAEPLTPYINISANGLTELHDDL SNYIDGHTPEGSKADSAVSSFYL DIQPSPDQSGLDINGIKPEPICDYTPASGFFPYCSFTNGETSPTVSM AELEHLAQNIS

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

KSHLETCQYLREELQQITWQTFLQEEIENYQNKQREVMWQLCAIKITEAIQYVVEFAK  
 RIDGFMELCQNDQIVLLKAGSLEVVFIRMCRAFDSQNNNTVYFDGKYASPDVFKSLGC  
 EDFISFVFEFGKSLCSMHLTEDEIALFSAFVLM SADR SWLQEKVKIEKLQQKIQLALQ  
 HVLQKNHREDGILTKLICKVSTLRALCGRHTEKLMFAKAIYPDIVRLHFPPLYKELFTS  
 EFEPAMQIDG

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

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

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

## GENE INFORMATION

**Gene Name**  
[RORA RAR related orphan receptor A \[ Homo sapiens \(human\) \]](#)

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

**Synonyms**  
 RORA; RAR related orphan receptor A; ROR1; ROR2; ROR3; RZRA; NR1F1;  
 IDDECA; RZR-ALPHA; nuclear receptor ROR-alpha; ROR-alpha; nuclear receptor  
 RZR-alpha; nuclear receptor subfamily 1 group F member 1; retinoic acid receptor-  
 related orphan receptor alpha;

**Gene ID**  
[6095](#)

**mRNA Refseq**  
[NM\\_134262](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**Protein Refseq** [NP\\_599024](#)

**MIM** [600825](#)

**UniProt ID** [P35398](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA