

## Product datasheet for **TP302926M**

### ROR alpha (RORA) (NM\_134261) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RAR-related orphan receptor A (RORA), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC202926 representing NM_134261
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MESAPAAPDPAASEPGSSGADAAAGSRETPLNQESARKSEPPAPVRRQSYSSTSRGISVTKKHTHTSQIEI  
IPCKICGDKSSGIHYGVITCEGCKGFFRRSQSNATYSCPRQKNCLIDRTSRNRCQHCLQKCLAVGMSR  
DAVKFGRMSKKQRDSLYAEVQKHRMQQQQRDHQQQPGAEPLTPTYNISANGLTELHDDLSDNYIDGHTPE  
GSKADSAVSSFYLDIQSPDQSGLDINGIKPEPICDYTPASGFFPYCSFTNGETSPTVSMAELEHLAQNI  
SKSHLETCQYLREELQQITWQTFLLQEEIENYQNKQREVMWQLCAIKITEAIQYVVEFAKRIDGFMELCQN  
DQIVLLKAGSLEVVFIRMCRAFDSQNNTVYFDGKYASPDVFKSLGCEDFISFVFEFGKSLCSMHLTEDEI  
ALFSAFVMSADRSWLQEKVKIEKLQKIQALQHLVQKNHREDGILTKLICKVSTLRALCGRHTEKLMA  
FKAIYPDIVRLHFPPPLYKELTSEFEPAMQIDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

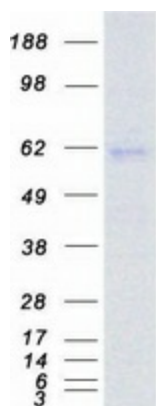
Tag:	C-Myc/DDK
Predicted MW:	58.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_599023</a>
<b>Locus ID:</b>	6095
<b>UniProt ID:</b>	<a href="#">P35398</a>
<b>RefSeq Size:</b>	1847
<b>Cytogenetics:</b>	15q22.2
<b>RefSeq ORF:</b>	1569
<b>Synonyms:</b>	IDDECA; NR1F1; ROR1; ROR2; ROR3; RZR-ALPHA; RZRA
<b>Summary:</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. [provided by RefSeq, Feb 2014]
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

### Product images:



Coomassie blue staining of purified RORA protein (Cat# [TP302926]). The protein was produced from HEK293T cells transfected with RORA cDNA clone (Cat# [RC202926]) using MegaTran 2.0 (Cat# [TT210002]).