

Recombinant Full Length Human NR1D1 Protein, GST-tagged

Cat. No. NR1D1-6691HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR1D1 full-length ORF (AAH56148, 1 a.a. - 614 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	614 amino acids
Description	This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes. [provided by RefSeq, Jan 2013]
Molecular Mass	93.28 kDa
AA Sequence	MTTLDNNTGGVITYIGSSGSSPSRTSPESLYSDNSNGSFQSLTQGCPTYFPPSPT GSLTQDPARSFGSIPPSLSDGSPSSSSSSSSSSSSSYNGSPPGSLQVAMEDSSRV SPSKSTSNITKLNGMVLLCKVCGDVASGFHYGVHACEGCKGFFRRSIQQNIQYKRC LKNENCIVIRINRNRCQCRFKKCLSVGMSRDAVRFGRIKREKQRMALAEQMSAM NLANNQLSSQCPLETSPTQHPTGPMGPSPPAPVPSPLVGFSQFPQQLTPPRSPS PEPTVEDVISQVARAHREIFTYAHDKLGSSPGNFNANHASGSPATTTPHRWENQGC

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

PPAPNDNNTLAAQRHNEALNGLRQAPSSYPPTWPPGPAHHSCHQSNSNGHRLCPT
 HVYAAPEGKAPANSRQGN SKNVLLACPMNMYPHGRSGRTVQEIWEDFSMSFTPA
 VREVVEFAKHIPGFRDLSQHDQVTLLKAGTFEVL MVRFASLFNVKDQTMFLSRTTY
 SLQELGAMGMDLLSAMFDFSEKLN SLALTEEELGLFTAVVLVSADRSGMENSASV
 EQLQETLLRALRALVLKNRPLETSRFTKLLKL PDLRTLNNMHSEKLLSFRVDAQ

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

NR1D1 nuclear receptor subfamily 1, group D, member 1 [Homo sapiens]

Official Symbol

NR1D1

Synonyms

NR1D1; nuclear receptor subfamily 1, group D, member 1; THRAL; nuclear receptor subfamily 1 group D member 1; ear 1; hRev; Rev ErbAalpha; THRA1; Rev-ErbAalpha; rev-erbA-alpha; V-erbA-related protein 1; nuclear receptor Rev-ErbA-alpha; EAR1; ear-1;

Gene ID

9572

mRNA Refseq

NM_021724

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Protein Refseq	NP_068370
MIM	602408
UniProt ID	P20393

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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