

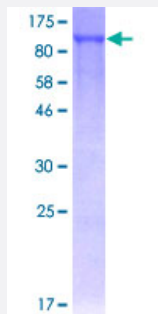
Full-Length

NR1D1 (Human) Recombinant Protein (P01)

Catalog # H00009572-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NR1D1 full-length ORF (AAH56148, 1 a.a. - 614 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTTLDSSNNNTGGVITYIGSSGSSPSRTSPESLYSDNSNGSFQSLTQGCPTYFPPSPTGSLTQDPAR
SFGSIPPSLSDDGSPSSSSSSSSSSSFYNGSPPGSLQVAMEDSSRVSPSKSTSNITKLNGMVL
LCKVCGDVASGFHYGVHACEGCKGFFRRSIQQNIQYKRCLKNENCIVRINRNRCCQCRFKKCLS
VGMSRDAVRFGRIKREKQRMLAEMQSAMNLANNQLSSQCPLETSPTQHPTPGPMGSPPPPAP
VPSPLVGFSQFPQQLTPRSPSPEPTVEDVISQVARAHREIFTYAHDKLGSSPGNFNANHASGSP
PATTPHRWENQGCPPAPNDNNTLAAQRHNEALNGLRQAPSSYPPTWPPGPAHHSCHQSNSNG
HRLCPTHVYAAPEGKAPANSRQGNKSNVLLACPMNMYPHGRSGRTVQEWFDFSMSFTPAVR
EVVEFAKHIPGFRDLSQHDQVTLLKAGTFEVLVRFASLFNVKDQTMFLSRTTYSLQELGAMGM
GDLLSAMFDFSEKLNSLALTEEELGLFTAVVLVSADRSGMENSASVEQLQETLLRALRALVLKNR
PLETSRFTKLLKLPLDLRLNNMHSEKLLSFRVDAQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.28

Interspecies Antigen Sequence

Mouse (95); Rat (94)

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 — NR1D1

Entrez GeneID	9572
GeneBank Accession#	BC056148
Protein Accession#	AAH56148
Gene Name	NR1D1
Gene Alias	EAR1, THRA1, THRAL, ear-1, hRev
Gene Description	nuclear receptor subfamily 1, group D, member 1
Omim ID	602408
Gene Ontology	Hyperlink
Gene Summary	group D
Other Designations	Rev-ErbAalpha thyroid hormone receptor, alpha-like

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Disorders](#)