

Recombinant Full Length Human NR1D2 Protein, GST-tagged

Cat. No. NR1D2-6693HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR1D2 full-length ORF (AAH45613, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	579 amino acids
Description	This gene encodes a member of the nuclear hormone receptor family, specifically the NR1 subfamily of receptors. The encoded protein functions as a transcriptional repressor and may play a role in circadian rhythms and carbohydrate and lipid metabolism. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Molecular Mass	89.21 kDa
AA Sequence	MEVNAGGVIAYISSSSSASSHASCHSEGSSENSFQSSSSSVSPSPNSSNSDTNGNPK NGDLANIEGILKNDRIDCSMKTSKSSAPGMTKSHSGVTKFSGMVLLCKVCGDVASG FHYGVHACEGCKGFFRRSIQQNIQYKKCLKNENCSIMRMNRNRCQQCRFKKCLSV GMSRDAVRFRGRIKREKQRMLIEMQSAMKTMMSQFSGHLQNDTLVEHHEQTALP AQEQLRPPKPLEQENIKSSSPSSDFAKEEVIGMVTRAHKDTFMYNQEQQENSAES MQPKRGERIRKNMEQYNLNHDHCGNGLSSHFPCESESQQHLNGQFKGRNIMHYPN GHAICIANGHCMNFSNAYTQRVCDRVPIDGFSQENENKNSYLCNTGGRMHLVCPMS KSPYVDPHKSGHEIWEEFSMSFTPAVKEVVEFAKRIPGFRDLSQHDQVNNLLKAGTFE

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VLMVRFASLFDKERTVTFLSGKKYSVDDLHSMGAGDLLNSMFEFSEKLNALQLSD
EEMSLFTAVVLVSADRSKIENVNSVEALQETLIRALRTLIMKNHPNEASIFTKLLKLKLP
DLRSLNNMHSEELLAFKVHP

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

[NR1D2 nuclear receptor subfamily 1, group D, member 2 \[Homo sapiens \]](#)

Official Symbol

[NR1D2](#)

Synonyms

NR1D2; nuclear receptor subfamily 1, group D, member 2; nuclear receptor subfamily 1 group D member 2; BD73; EAR 1r; Hs.37288; HZF2; RVR; rev-erb-beta; rev-erba-alpha-related receptor; V-erbA-related protein 1-related; orphan nuclear hormone receptor BD73; nuclear receptor Rev-ErbA beta variant 1; nuclear receptor Rev-ErbA beta variant 2; EAR-1R;

Gene ID

[9975](#)

mRNA Refseq

[NM_001145425](#)

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Protein Refseq	NP_001138897
MIM	602304
UniProt ID	Q14995

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