Recombinant Human NR1D2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NR1D2-2532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NR1D2 MS Standard C13 and N15-labeled recombinant protein (NP_005117) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	64.7 kDa
AA Sequence	MEVNAGGVIAYISSSSSASSHASCHSEGSENSFQSSSSSSVPSSPNSSNSDTNGNPK NGDLANIEGILKNDRIDCSMKTSKSSAPGMTKSHSGVTKFSGMVLLCKVCGDVASG FHYGVHACEGCKGFFRRSIQQNIQYKKCLKNENCSIMRMNRNRCQQCRFKKCLSV GMSRDAVRFGRIPKREKQRMLIEMQSAMKTMMNSQFSGHLQNDTLVEHHEQTALP AQEQLRPKPQLEQENIKSSSPPSSDFAKEEVIGMVTRAHKDTFMYNQEQQENSAES MQPKRGERIRKNMEQYNLNHDHCGNGLSSHFPCSESQQHLNGQFKGRNIMHYPN GHAICIANGHCMNFSNAYTQRVCDRVPIDGFSQNENKNSYLCNTGGRMHLVCPMS KSPYVDPHKSGHEIWEEFSMSFTPAVKEVVEFAKRIPGFRDLSQHDQVNLLKAGTFE VLMVRFASLFDAKERTVTFLSGKKYSVDDLHSMGAGDLLNSMFEFSEKLNALQLSD

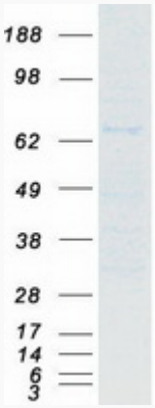
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	EEMSLFTAVVLVSADRSGIENVNSVEALQETLIRALRTLIMKNHPNEASIFTKLLLKLP DLRSLNNMHSEELLAFKVHPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NR1D2 nuclear receptor subfamily 1 group D member 2 [Homo sapiens (human)]
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_005126
Protein Refseq	NP_005117

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MIM	602304
UniProt ID	Q14995
SDS-PAGE	

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