

Product datasheet for PH304845

NDOR1 (NM_014434) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NDOR1 MS Standard C13 and N15-labeled recombinant protein (NP_055249)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204845
Predicted MW:	66.8 kDa
Protein Sequence:	>RC204845 protein sequence Red=Cloning site Green=Tags(s)

MPSPQLLVLFSGQTGTAQDVSERLGREARRRRLGCRVQALDSYPVVNLINELVIFVCATTGQGDPDDNM
KNFWRIFFRKNLPSTALCQMDFAVLGLGDSSYAKFNFVAKKLHRRLLQLGGSALLPVCLGDDQHELGPDA
AVDPWLRDLWDRVLGLYPPPPGLTEIPPGVPLPSKFTLLFLQEAPSTGSEGQRVAHPSQEPPESEKPFLL
APMISNQRVTGPHSHFQDVRLEIFDILGSGISFAAGDVVLIQPSNSAAHVQRFCQVLGLDPDQLFMLQPRE
PDVSSPTRLPQPCSMRHLVSHYLDIASVPRRSFFELLACLSHELEREKLEFSSAQGEELFEYCNRRPR
RTILEVLCDFPHTAAAIPPDYLLDLIPVIRPRAFSIASSLLTHPSRLQILVAVVQFQTRLKEPRRGLCSS
WLASLDPGQGPPVRVPLWVRPGSLAFPETPDTPIVMVGPVTGVAPFRAAIQERVAQGQTGNLFFGCRWRD
QDFYWEAEWQELEKRDCLTLIPAFSREQEQKIYVQHRLRELGSLVWELLDROGAYFYLAGNAKSMPADVS
EALMSIFQEEGLCSPDAAAYLARLQTRRFQTETWA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055249
RefSeq Size:	4850
RefSeq ORF:	1791



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Synonyms: bA350O14.9; CIAE1; NR1

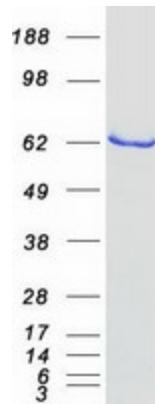
Locus ID: 27158

UniProt ID: [Q9UHB4](#)

Cytogenetics: 9q34.3

Summary: This gene encodes an NADPH-dependent diflavin reductase that contains both flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD) binding domains. The encoded protein catalyzes the transfer of electrons from NADPH through FAD and FMN cofactors to potential redox partners. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]

Product images:



Coomassie blue staining of purified NDOR1 protein (Cat# [TP304845]). The protein was produced from HEK293T cells transfected with NDOR1 cDNA clone (Cat# [RC204845]) using MegaTran 2.0 (Cat# [TT210002]).