

Product datasheet for **TP304845**

NDOR1 (NM_014434) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NADPH dependent diflavin oxidoreductase 1 (NDOR1), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204845 protein sequence
Red=Cloning site **Green**=Tags(s)

MPSPQLLVLFQSQTGTAQDVSERLGREARRRRRLGCRVQALDSYPVNNLINEPLVIFVCATTGQGDPDNDM
KNFWRIFRKNLPSTALCQMDFAVLGLGDSSYAKFNFVAKKLRLLQLGGSALLPVCLGDDQHELGPDA
AVDPWLRDLWDRVLGLYPPPPGLTEIPPGVPLPSKFTLLFLQEAPSTGSEQRVAHPGSQEPSESKEPFL
APMISNQRTVGPSHFQDVRLIEFDILGSGISFAAGDVVLIQPSNSAAHVQRFCQVLGLDPDQLFMLQPRE
PDVSSPTRLPQPCSMRHLVSHYLDIASVPRRSFFELLACLSLHELEREKLLFSSAQGQEELFEYCNRPR
RTILEVLCDPHTAAAIPPDYLLDLIPVIRPRAFSIASSLLTHPSRLQILVAVVQFQTRLKEPRRGLCSS
WLASLDPGQGPPVRVPLWVRPGSLAFPETDTPVIMVGGTGVAPFRAAIQERVAQGGQTGNFLFFGCRWRD
QDFYWEAEWQELEKRDCLTIPAFSREQEQKIYVQHRLRELGSLVWELLDRQGAYFYLAGNAKSM PADVS
EALMSIFQEEGGLCSPDAAAYLARLQQTRRFQTETWA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 66.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

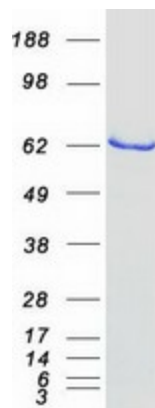
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055249
Locus ID:	27158
UniProt ID:	Q9UHB4
RefSeq Size:	4850
Cytogenetics:	9q34.3
RefSeq ORF:	1791
Synonyms:	bA350O14.9; CIAE1; NR1
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]).