

## Product datasheet for **TP304845L**

### 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, 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MPSPQLLVLFQSQTGTAQDVSERLGREARRRRRLGCRVQALDSYPVNNLINEPLVIFVCATTGQGDPDNDM  
KNFWRIFRKNLPSTALCQMDFAVLGLGDSSYAKFNFVAKKLRLLQLGGSALLPVCLGDDQHELGPDA  
AVDPWLRDLWDRVLGLYPPPPGLTEIPPGVPLPSKFTLLFLQEAPSTGSEQRVAHPGSQEPSESKEPFL  
APMISNQRTVGPSTGSHFQDVRLIEFDILGSGISFAAGDVVLIQPSNSAAHVQRFCQVLGLDPDQLFMLQPRE  
PDVSSPTRLPQPCSMRHLVSHYLDIASVPRRSFFELLACLSLHELEREKLLFSSAQGQEELFEYCNRPR  
RTILEVLCDPHTAAAIPPDYLLDLIPVIRPRAFSIASSLLTHPSRLQILVAVVQFQTRLKEPRRGLCSS  
WLASLDPGQGQPVVPLWVRPGSLAFPETDTPVIMVGGTGVAPFRAAIQERVAQQTGNFLFFGCRWRD  
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.

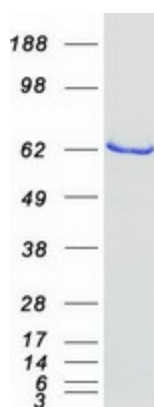
**Storage:** Store at -80°C.



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