

NADPH-dependent diflavin oxidoreductase 1 (NDOR1) Recombinant Protein | NDOR1 recombinant protein

Recombinant Human NADPH-dependent diflavin oxidoreductase 1 (NDOR1)

CATALOG # AAA117096	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

NADPH-dependent diflavin oxidoreductase 1 (NDOR1); Recombinant Human NADPH-dependent diflavin oxidoreductase 1 (NDOR1); NDOR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-597aa; Full Length
Sequence	MPSPQLLVLF GSQTGTAQDV SERLGREARR RRLGCRVQAL DSYPVVNLIN EPLVIFVCAT TGQGDPPDNM KNFWRFRFRK NLPSTALCQM DFAVLGLGDS SYAKFNFAK KLHRRLLQLG GSALLPVCLG DDQHELGPDA AVDPWLRDLW DRVLGLYPPP PGLTEIPPGV PLPSKFTLLF LQEAPSTGSE GQRVAHPGSQ EPPSESKPFL APMISNQRVT GPSHFQDURL IEFDILGSGI SFAAGDVVLI QPSNSAAHVQ RFCQVLGLDP DQLFMLQPRE PDVSSPTRLP QPCSMRHLVS HYLDIASVPR RSFFELLACL SLHELEREKL LEFSSAQGQE ELFEYCNRP RTILEVLCDF PHTAAAIIPD YLLDLIPVIR PRAFSIASSL LTHPSRLQIL VAVVQFQTRL KEPRRGLCSS WLASLDPGQG PVRVPLWVRP GSLAFPETPD TPVIMVGPGT GVAPFRAAIQ ERVAQGQTGN FLFFGCRWRD QDFYWEAEWQ ELEKRDCLTL IPAFSRESEQ KVVYQHRLRE LGSLVWELLD RQGAYFYLAG NAKSMPADVS EALMSIFQEE GGLCSPDAAA YLARLQQTRR FQTETWA
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for NDOR1 recombinant protein	This gene encodes an NADPH-dependent diflavin reductase that contains both flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD) binding domains. The encoded protein is an enzyme that catalyzes the transfers electrons from NADPH through FAD and FMN cofactors to potential redox partners. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221316705
NCBI GeneID	27158
NCBI Accession #	NP_001137498.1
NCBI GenBank Nucleotide #	NM_001144026.2
UniProt Accession #	Q9UHB4; Q5VSG4; Q86US9; Q96BC6; D3YTG6; D3YTH9
Molecular Weight	65,943 Da
NCBI Official Full Name	NADPH-dependent diflavin oxidoreductase 1 isoform a

NCBI Official Synonym Full Names	NADPH dependent diflavin oxidoreductase 1
NCBI Official Symbol	NDOR1
NCBI Official Synonym Symbols	NR1; bA350O14.9
NCBI Protein Information	NADPH-dependent diflavin oxidoreductase 1
UniProt Protein Name	NADPH-dependent diflavin oxidoreductase 1
UniProt Gene Name	NDOR1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ndor1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117096>