



# Recombinant Human NADPH-dependent diflavin oxidoreductase 1 (NDOR1)

<b>Product Code</b>	CSB-MP883387HU
<b>Abbreviation</b>	NDOR1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UHB4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPSPQLLVLF GSQTGTAQDV SERLGREARR RRLGCRVQAL DSYPVVNLIN EPLVIFVCAT TGQGDPPDNM KNFWRFIFRK NLPSTALCQM DFAVLGLGDS SYAKFNFVAK KLHRLLQLG GSALLPVCLG DDQHELGPDA AVDPWLRDLW DRVLGLYPPP PGLTEIPPGV PLPSKFTLLF LQEAPSTGSE GQRVAHPGSQ EPPSESKPFL APMISNQRVT GPSHFQDVRL IEFDILGSGI SFAAGDVVLI QPSNSAAHVQ RFCQVLGLDP DQLFMLQPRE PDVSSPTRLP QPCSMRHLVS HYLDIASVPR RSFFELLA CLSLHELEREKL LEFSSAQQQE ELFEYCNRPR RTILEVLCDF PHTAAIPPD YLLDLIPVIR PRAFSIASSL LTHPSRLQIL VAVVQFQTRL KEPRRGLCSS WLASLDPGQG PVRVPLWVRP GSLAFPETPD TPVIMVGP GTGVAPFRAAIQ ERVAQQQTGN FLFFGCRWRD QDFYWEAEWQ ELEKRDCLTL IPAFSRESEQ KVVYVQHRLRE LGSLVWELLD RQGAYFYLAG NAKSMPADVS EALMSIFQEE GGLCSPDAAA YLARLQQTRR FQTETWA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	NDOR1
<b>Protein Names</b>	Recommended name: NADPH-dependent diflavin oxidoreductase 1 EC= 1.6.-.- Alternative name(s): NADPH-dependent FMN and FAD-containing oxidoreductase Novel reductase 1
<b>Expression Region</b>	1-597
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</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 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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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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