

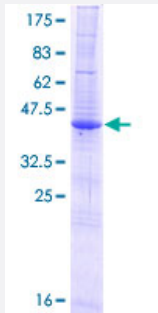
Full-Length

NDOR1 (Human) Recombinant Protein (P02)

Catalog # H00027158-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NDOR1 full-length ORF (XP_941628.1, 1 a.a. - 201 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEGAWALPTWKEEGREQAAGQGEEEECPICTEPYGPRERRLALLNCSHGLCVGCLHRLLSAS SADLGRVRCPLCRQKTPVLEWEICRLQEELLQADGPSRQPRREAPASYHRNPGPWGSLEHRYQ LRFLAGPVGGRGCLPFLPCPPCLGARLWTLRERGPCARRLALLSLLALELLGLLLVFTPLLLGLL FVLLDRSGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.8
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NDOR1

Entrez GeneID [27158](#)

GeneBank Accession# [XM_001127731.1](#)

Protein Accession# [XP_941628.1](#)

Gene Name NDOR1

Gene Alias MGC138148, NR1, bA350O14.9

Gene Description NADPH dependent diflavin oxidoreductase 1

Omim ID [606073](#)

Gene Ontology [Hyperlink](#)

Gene 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 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. [provided by RefSeq]

Other Designations NADPH dependent FMN and FAD containing oxidoreductase|NADPH-dependent FMN and FAD containing oxidoreductase|OTTHUMP00000064742