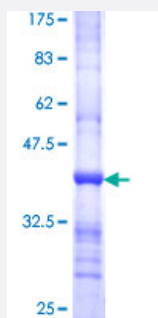


# NDOR1 (Human) Recombinant Protein (Q01)

Catalog # H00027158-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human NDOR1 partial ORF ( NP_055249, 498 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	EWQELEKRDCLTLIPAFSREQEQKVYVQHLRELGLSVWELLDRQGAYFYLAGNAKSMPADVSE ALMSIFQEEGGLCSPDAAAYLARLQQTRRFQTET
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.52
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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#** [NM\\_014434](#)

**Protein Accession#** [NP\\_055249](#)

**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