



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### DDO (Human) Recombinant Protein (P01)

**Catalog Number:** H00008528-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human DDO full-length ORF (AAH32786, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDTARIAVVGAGVVGLSTAVCISKLVPRCSVTIISDKFT  
PDTTSDVAAGMLIPHTYPTPIHTQKQWFRETFNHLFA  
IANSAEAGDAGVHLVSGWQIFQSTPTEEVFWADVVL  
GFRKMTEAELKFKFPQYVFGQAFTTLKCECPAYLPWLE  
KRIKSGGWTLTRRIEDLWELHPSFDIVVNCGLGSR  
QLAGDSKIFPVRGQVLQVQAPWVEHFIRDGSGGLTYIYP  
GTSHVTLGGTRQKGDWNLSPDAENSREILSRCCALEP  
SLHGACNIREKVGLRYPYRPGVRLQTELLARDGQRLPV  
VHHYGHGSGGISVHWGTALEARLVSECVHALRTPIP  
KSNL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 63.25

**Interspecies Antigen Sequence:** Mouse (80); Rat (82)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**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.

**Entrez GeneID:** 8528

**Gene Symbol:** DDO

**Gene Alias:** DASOX, DDO-1, DDO-2, FLJ45203

**Gene Summary:** The protein encoded by this gene is a peroxisomal flavoprotein that catalyzes the oxidative deamination of D-aspartate and N-methyl D-aspartate. Flavin adenine dinucleotide or 6-hydroxyflavin adenine dinucleotide can serve as the cofactor in this reaction. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]