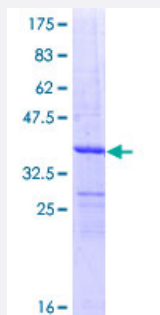


DDO (Human) Recombinant Protein (Q01)

Catalog # H00008528-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DDO partial ORF (NP_003640, 270 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	WNLSPDAENSREILSRCCALEPSLHGACNIREKVGLRPYRPGVRLQTELLARDGQRLPVVHHYGH GSGGISVHWGTALEAARLVSECVHALRTPIPKSNL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (75); Rat (80)
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 — DDO

Entrez GeneID [8528](#)

GeneBank Accession# [NM_003649](#)

Protein Accession# [NP_003640](#)

Gene Name DDO

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

Gene Description D-aspartate oxidase

Omim ID [124450](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations OTTHUMP00000017000|OTTHUMP00000017001|OTTHUMP00000017002|aspartic oxidase

Pathway

- [Alanine](#)