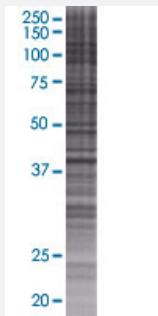# DDO 293T Cell Transient Overexpression Lysate(Denatured)

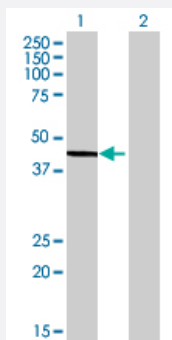Catalog #   H00008528-T01   Size   100 uL

Applications

SDS-PAGE Gel

DDO transfected lysate.

Western Blot

Lane 1: DDO transfected lysate (40.7 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DDO full-length
Host	Human
Theoretical MW (kDa)	40.7
Interspecies Antigen Sequence	Mouse (80); Rat (82)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-DDO antibody ([H00008528-B01](link)) by Western Blots.
	SDS-PAGE Gel
	DDO transfected lysate.
	Western Blot
	Lane 1: DDO transfected lysate (40.7 KDa)
	Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — DDO

Entrez GeneID	[8528](link)
GeneBank Accession#	[NM_003649.2](link)
Protein Accession#	[NP_003640.2](link)
Gene Name	DDO
Gene Alias	DASOX, DDO-1, DDO-2, FLJ45203
Gene Description	D-aspartate oxidase
Omim ID	[124450](link)
Gene Ontology	[Hyperlink](link)
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](#)