

Product datasheet for **TP761486**

D aspartate oxidase (DDO) (NM_004032) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human D-aspartate oxidase (DDO), transcript variant 2, full length, with N-terminal HIS tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Tag:	N-His
Predicted MW:	33.8 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25mM Tris, pH8.0,150mM NaCl,10% glycerol,1% Sarkosyl.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004023
Locus ID:	8528
RefSeq Size:	1556
Cytogenetics:	6q21
RefSeq ORF:	930
Synonyms:	DASOX; DDO-1; DDO-2
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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2019]
Protein Pathways:	Alanine, aspartate and glutamate metabolism



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Product images: