

Recombinant Human DDO Protein, His-tagged

Cat. No. DDO-157H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDO, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	33.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DDO D-aspartate oxidase [Homo sapiens]
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Official Symbol	DDO
Synonyms	DDO; D-aspartate oxidase; aspartic oxidase; D-aspartate oxidase, DDO; DASOX; DDO-1; DDO-2; FLJ45203;
Gene ID	8528
mRNA Refseq	NM_003649
Protein Refseq	NP_003640
MIM	124450
UniProt ID	Q99489

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