

Recombinant Cattle DDO protein, His-tagged

Cat. No. DDO-1654C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle DDO aa. (Ile161~Arg272 (Accession # P31228)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ile161~Arg272
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point 7.8

GENE INFORMATION

Gene Name DDO D-aspartate oxidase [Bos taurus (cattle)]

Official Symbol DDO

Synonyms DDO; D-aspartate oxidase; DASOX

Gene ID 280763

mRNA Refseq NM_173908.2

Protein Refseq NP_776333.1

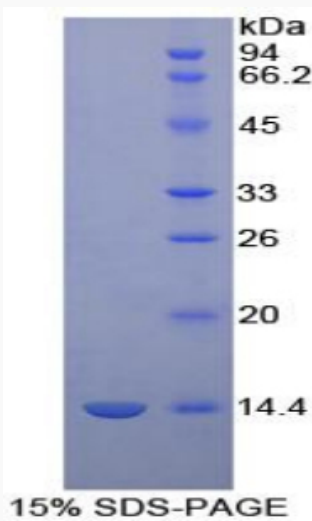
UniProt ID P31228

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SDS-PAGE



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