

Diamine Oxidase (DAO) Recombinant Protein | DAO recombinant protein

Recombinant Diamine Oxidase (DAO)

CATALOG # AAA134650	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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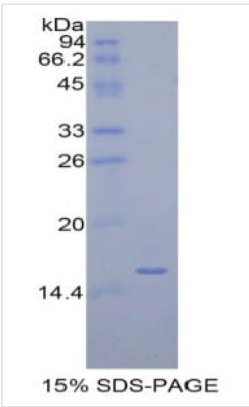
PRODUCT SYNONYMS

Diamine Oxidase (DAO); Recombinant Diamine Oxidase (DAO); DAO recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSQSEF-AY EVSVQEAVAL YGGHTPAGMQ TKYLDVGWGL GSVTHEAPG IDC PETATFL DTFHYYDADD PVHYPRALCL FEMPTGVPLR RHFNSNFKGG FNFYAGLKGQ VLVLRRTSTV YNYDYIWD
Sequence Length	751
Applicable Applications for DAO recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala347~Asp466 (Accession # P19801) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	73486661
NCBI GeneID	26
NCBI Accession #	NP_001082.2
NCBI GenBank Nucleotide #	NM_001091.3
UniProt Accession #	P19801; Q16683; Q16684; Q56II4; Q6GU42
Molecular Weight	15.0kDa
NCBI Official Full Name	amiloride-sensitive amine oxidase
NCBI Official Synonym Full Names	amine oxidase, copper containing 1
NCBI Official Symbol	AOC1
NCBI Official Synonym Symbols	ABP; DAO; KAO; ABP1; DAO1
NCBI Protein Information	amiloride-sensitive amine oxidase [copper-containing]; amiloride-sensitive amine oxidase [copper-containing]; histaminase; diamine oxidase; kidney amine oxidase; amiloride-binding protein 1; amine oxidase copper domain-containing protein 1; amiloride binding protein 1 (amine oxidase (copper-containing))
UniProt Protein Name	Amiloride-sensitive amine oxidase [copper-containing]
UniProt Gene Name	AOC1
UniProt Synonym Gene Names	ABP1; DAO1; DAO; Diamine oxidase; KAO
UniProt Entry Name	AOC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/aoc1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134650>