

Polyamine Oxidase Recombinant Protein | PAOX recombinant protein

Recombinant Polyamine Oxidase (PAOX)

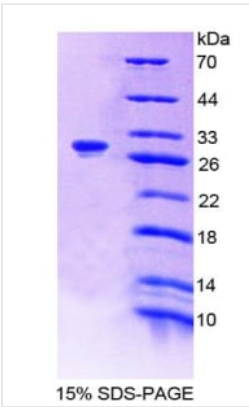
CATALOG # AAA144149	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Polyamine Oxidase; Recombinant Polyamine Oxidase (PAOX); PAOX recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 800ug/mL (varies by lot)
Applicable Applications for PAOX recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ile130~Lys356
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

LKKEISQQA SWTEDEEDTR KRKLAILNTF I ERTREFLNES ETPMASVGEF
FGEYTVLPGL DCILAGCYQG LTRILASLP KDTVAFDKPV KTIHWNGSFQ
EAAFPGETFP VLVECEDGAR LPAHHVIVTV PLGFLKEHQD TFFEPPLPAK
KAEAIKLGf GTNNKIFLEF EEPFWEPCQ FIQVWEDTS PLQDTALSQ
DTWFKK

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	162459777
NCBI GeneID	541983
NCBI Accession #	NP_001105106.1
NCBI GenBank Nucleotide #	NM_001111636.1
Molecular Weight	Predicted Molecular Mass: 29.1kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	polyamine oxidase
NCBI Official Symbol	pao1
NCBI Official Synonym Symbols	PAO; mpao1
NCBI Protein Information	polyamine oxidase
UniProt Protein Name	Polyamine oxidase
UniProt Gene Name	PAO
UniProt Entry Name	PAO_MAIZE

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/pao-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144149>