

Monoamine Oxidase A Recombinant Protein | MAOA recombinant protein

Recombinant Monoamine Oxidase A (MAOA)

CATALOG # AAA144406	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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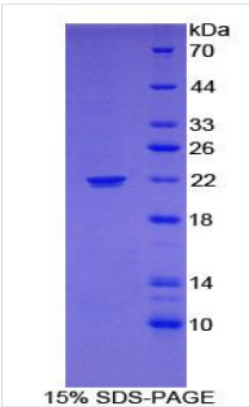
PRODUCT SYNONYMS

Monoamine Oxidase A; Recombinant Monoamine Oxidase A (MAOA); MAOA recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHH HHHSGS-VVV IGGGISGLAA AKLLSEYKIN VLVLEARDRV GGRTYTVRNE HVKWVDVGGG YVGPTQNRIL RLSKELGIET YKVNVERLV QYVKGKTYPF RGAFPPVWNP LAYLDYNNLW RTMDDMGKEI PVDAPWQARH AEEWDKITMK DLIDKICWTK TAREFAYLFV NINVTSEPE VSALWFLW div>
Sequence Length	27
Applicable Applications for MAOA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	22.0kDa
Accurate Molecular Mass (KD)	21kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Mus musculus (Mouse)
Fragment	Val24~Ser267
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 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. 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 #	4262061
NCBI GeneID	4128
Molecular Weight	44,848 Da
NCBI Official Full Name	monoamine oxidase A, partial
NCBI Official Synonym Full Names	monoamine oxidase A
NCBI Official Symbol	MAOA
NCBI Official Synonym Symbols	MAO-A
NCBI Protein Information	amine oxidase [flavin-containing] A
UniProt Protein Name	Amine oxidase [flavin-containing] A
UniProt Gene Name	MAOA
UniProt Synonym Gene Names	MAO-A
UniProt Entry Name	AOFA_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/maoa-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144406>