

Monoamine Oxidase B (MAOB) Recombinant Protein | MAOB recombinant protein

Monoamine Oxidase B (MAOB)

CATALOG #
AAA58755

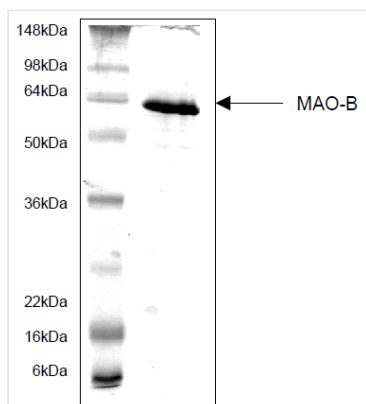
PRODUCT SYNONYMS

Monoamine Oxidase B (MAOB); Amine oxidase [flavin-containing] B; Monoamine oxidase type B; MAOB; Mao Platelet; MAO Brain.; MAOB recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid
Sequence Length	520
Buffer	Buffered 50% glycerol

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAOB recombinant protein	Monoamine oxidase B (MAO-B) is a flavin-containing mitochondrial enzyme, which catalyzes the oxidative deamination of biogenic and xenobiotic monoamines. It regulates the metabolic degradation of catecholamines and serotonin in neural and other target tissues. MAO-B is found platelets and in dopamine-secreting neurons in the brain. Increased levels of MAO B that have been identified in brain of Alzheimer's patients. Monoamine oxidases (MAO B and MAO A) are well-known targets for antidepressant drugs and for drugs used to treat neurological disorders and aging diseases, such as Parkinson's and Alzheimer's disease. Recombinant MAO-B comprises a 488 amino acid fragment (2-489) corresponding to the cytoplasmic domain fragment of the mature MAO-B protein and is expressed in E Coli with an amino-terminal hexahistidine tag. This product is not intended for therapeutic use.
Product Categories/Family for MAOB recombinant protein	Recombinant Proteins ; Monoamine Oxidase B
References	Binda, C. et al., Neurology 2006 67: S5-S7. Li, M. et al., Protei Expr Purif. 2002 24 (1): 152-62.

NCBI AND UNIPROT INFORMATION

NCBI GI #	398415
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NCBI GeneID	4129
UniProt Accession #	P27338 ; Q7Z6S2 ; B2R6R3 ; B7Z5H3 ; D3DWC3
Molecular Weight	46,539 Da
NCBI Official Full Name	monoamine oxidase B, partial
NCBI Official Synonym Full Names	monoamine oxidase B
NCBI Official Symbol	MAOB
NCBI Protein Information	amine oxidase [flavin-containing] B
UniProt Protein Name	Amine oxidase [flavin-containing] B
UniProt Gene Name	MAOB
UniProt Synonym Gene Names	MAO-B
UniProt Entry Name	AOFB_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://www.aaabiotech.com/maob-recombinant-protein/58755>