



# Recombinant Human Amine oxidase [flavin-containing] B (MAOB), partial

<b>Product Code</b>	CSB-EP013399HU-B
<b>Relevance</b>	Catalyzes the oxidative deamination of biogenic and xenobiotic amines and has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous syst and peripheral tissues. MAOB preferentially degrades benzylamine and phenylethylamine.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P27338
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	SNKCDVVVVGGGSGMAAAKLLHDSGLNVVVLEARDRVGGRTYTLRNQKVKY VDLGGSYVGPTQNRILRLAKELGLETYKVNVERLIHHVKGKSYPFRGPFPPV WNPITYLDHNNFWRTMDDMGREIPSDAPWKAPLAEEDNMMTMKELLDKLCW TESAKQLATLFVNLCVTAETHEVSALWFLWYVKQCGGTTRIISTTNGGQERKF VGGSGQVSERIMDLLGDRVKLERPVIYIDQTTRENVLVETLNHEMYEAKYVISAI PPTLGMKIHFNPLPMMRNQMITRVPLGSVIKCIVYYKEPFWRKKDYCGTMIID GEEAPVAYTLDDTKPEGNYAAIMGFILAHKARKLARLTKEERLKKLCELYAKVL GSLEALEPVHYEEKNWCEEQYSGGCYTTYFPPGILTQYGRVLRQPVDRIYFAG TETATHWSGYMEGAVEAGERAREILHAMGKIPEDIWQSEPEVDVPAQPIT TFLERHLPSV
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	MAOB
<b>Protein Names</b>	Recommended name: Amine oxidase [flavin-containing] B EC= 1.4.3.4 Alternative name(s): Monoamine oxidase type B Short name= MAO-B
<b>Expression Region</b>	2-489aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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