



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

Product Code	CSB-MP013399HU
Relevance	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.
Storage	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.
Uniprot No.	P27338
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SNKCDVVVVGGGISGMAAAKLLHDSGLNVVVLEARDRVGGRTYTLRNQKVKY VDLGGSYVGPTQNRILRLAKELGLETYKVNVERLIHHVKGKSYPFRGPFPPV WNPITYLDHNNFWRTMDDMGREIPSDAPWKAPLAEEDNMMTMKELLDKLCW TESAKQLATLFVNLCVTAETHEVSALWFLWYVKQCGGTTRIISTTNGGQERKF VGGSGQVSERIMDLLGDRVKLERPVIYIDQTRENVLVETLNHEMYEAKYVISAI PPTLGMKIHFNPLPMMRNQMITRVPLGSVIKCIVYYKEPFWRKKDYCGTMIID GEEAPVAYTLDDTKPEGNYAAIMGFILAHKARKLARLTKEERLKKLCELYAKVL GSLEALEPVHYEEKNWCEEQYSGGCYTTYFPPGILTQYGRVLRQPVDRIYFAG TETATHWSGYMEGAVEAGERAREILHAMGKIPEDIWQSEPEVDVPAQPIT TFLERHLPSV
Research Area	Neuroscience
Source	Mammalian cell
Target Names	MAOB
Protein Names	Recommended name: Amine oxidase [flavin-containing] B EC= 1.4.3.4 Alternative name(s): Monoamine oxidase type B Short name= MAO-B
Expression Region	2-489aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Reconstitution	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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