



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

<b>Product Code</b>	CSB-EP013399HU
<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>Abbreviation</b>	Recombinant Human MAOB protein, partial
<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>Alias</b>	Monoamine oxidase type B ;MAO-B
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	SNKCDVVVVGGGISGMAAAKLLHDSGLNVVVLEARDRVGGRTYTLRNQKVKY VDLGGSYVGPTQNRILRLAKELGLETYKVNVERLIHHVKGKSYFPRGPFPPV WNPITYLDHNNFWRTMDDMGREIPSDAPWKAPLAEEDNMTMKELLDKLCW TESAKQLATLFVNLCVTAETHEVSALWFLWYVKQCGGTTRIISTTNGGQERKF VGGSGQVSERIMDLLGDRVKLERPVIYIDQTTRENVLVETLNHEMYEAKYVISAI PPTLGMKIHFNPLPMMRNQMITRVPLGSLVVKCIVYYKEPFWRKKDYCGTMIID GEEAPVAYTLDDTKPEGNYAAIMGFILAHKARKLARLTKKEERLKKLCELYAKVL GSLEALEPVHYEEKNWCEEQYSGGCYTTYFPPGILTQYGRVLRQPVDRIYFAG TETATHWSGYMEGAVEAGERAREILHAMGKIPEDIWQSEPEPESVDVPAQPIT TFLERHLPSV
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	MAOB
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	59.3kDa
<b>Protein Length</b>	Cytoplasmic Domain
<b>Image</b>	

