

## Active Recombinant Human MAOA protein, His-tagged

Cat. No. MAOA-0378H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAOA protein(Glu2-Ser527), fused with His tag, was expressed in Baculovirus-Insect.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	2-527 a.a.
<b>Form</b>	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, DDM, CHS, pH7.5 with glycerol as protectant.
<b>Bio-activity</b>	Bioactivity Measured by its ability to produce hydrogen peroxide during the oxidation of Tyramine. The specific activity is >300 pmol/min/ug, as measured under the described conditions(QC tested).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminus The protein has a calculated MW of 61.6 kDa. The protein migrates as 60 kDa under reducing (R) condition (SDS-PAGE).
<b>Proteinlength</b>	Glu2-Ser527
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

MAOA monoamine oxidase A [ Homo sapiens ]

**Official Symbol**

MAOA

**Synonyms**

MAOA; monoamine oxidase A; amine oxidase [flavin-containing] A; MAO-A; monoamine oxidase type A;

**Gene ID**

4128

**mRNA Refseq**

NM\_000240

**Protein Refseq**

NP\_000231

**UniProt ID**

P21397

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