MAOA Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21078a

Specification

MAOA Blocking Peptide (C-term) - Product Information

Primary Accession   P21397

MAOA Blocking Peptide (C-term) - Additional Information

Gene ID 4128

Other Names
Amine oxidase [flavin-containing] A, Monoamine oxidase type A, MAO-A, MAOA

Target/Specificity
The synthetic peptide sequence is selected from aa 465-479 of HUMAN MAOA

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MAOA Blocking Peptide (C-term) - Protein Information

Name MAOA

Function
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 system and peripheral tissues. MAOA preferentially oxidizes

MAOA Blocking Peptide (C-term) - Background

  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 system and peripheral tissues. MAOA preferentially oxidizes biogenic amines such as 5-hydroxytryptamine (5-HT), norepinephrine and epinephrine.

MAOA Blocking Peptide (C-term) - References

 Hsu Y.-P.P.,et al.J. Neurochem. 51:1321-1324(1988).
Bach A.W.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:4934-4938(1988).
Chen Z.-Y.,et al.Nucleic Acids Res. 19:4537-4541(1991).
Grimsby J.,et al.Proc. Natl. Acad. Sci. U.S.A. 88:3637-3641(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

biogenic amines such as
5-hydroxytryptamine (5-HT),
norepinephrine and epinephrine.

Cellular Location
Mitochondrion outer membrane; Single-pass
type IV membrane protein; Cytoplasmic
side

Tissue Location
Heart, liver, duodenum, blood vessels and
kidney.

**MAOA Blocking Peptide (C-term) -
Protocols**

Provided below are standard protocols that you
may find useful for product applications.

- Blocking Peptides