Datasheet for ABIN1473994

Monoamine Oxidase A Protein (MAOA) (AA 1-497) (His tag)

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Overview

Quantity:	1 mg
Target:	Monoamine Oxidase A (MAOA)
Protein Characteristics:	AA 1-497
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Monoamine Oxidase A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTDLEKPNLA GHMFDVGLIG GGISGLAAAK LLSEYKINVL VLEARDRVGG RTYTVRNEHV KWVDVGGAYV GPTQNRILRL SKELGIETYK VNVNERLVQY VKGKTYPFRG AFPPVWNPLA YLDYNNLWRT MDEMGKEIPV DAPWQARHAQ EWDKMTMKDL IDKICWTKTA REFAYLFVNI NVTSEPHEVS ALWFLWYVRQ CGGTARIFSV TNGGQERKFV GGSGQVSEQI MGLLGDKVKL SSPVTYIDQT DDNIIVETLN HEHYECKYVI SAIPPILTAK IHFKPELPPE RNQLIQRLPM GAVIKCMVYY KEAFWKKKDY CGCMIIEDEE APIAITLDDT KPDGSLPAIM GFILARKADR QAKLHKDIRK RKICELYAKV LGSQEALYPV HYEEKNWCEE QYSGGCYTAY FPPGIMTQYG RVIRQPVGRI YFAGTETATQ WSGYMEGAVE AGERAAREVL NALGKVAKKD IWVEEPESKD VPAIEITHTF LERNLPS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	Monoamine Oxidase A (MAOA)
Alternative Name:	Amine oxidase [flavin-containing] A (Maoa) (MAOA Products)
Background:	Recommended name: Amine oxidase [flavin-containing] A. EC= 1.4.3.4. Alternative name(s): Monoamine oxidase type A. Short name= MAO-A
UniProt:	P21396

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

