

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

MAOA, 1-497aa, Human, His tag, E.coli

产品货号: TP02892

第三版

别名:Amine oxidase [flavin-containing] A isoform 1, MAO-A

描述:MAOA, also known as Amine oxidase [flavin-containing] A. This protein 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. Recombinant human MAOA, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量:58.8kDa (520aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMENQEKASIAGHMFVDDVIGGGISGLSAAKLLTEYGVSVLVLEARDRVGGRTYTIR  
NEHVDYVDVGGAYVGPTQNRILRLSKELGIETYKVNVSERLVQYVKGKTYPFRGAFPPVWNPIAYLDYNNLWRTIDNMG  
KEIPTDAPWEAQHADKWDKMTMKELIDKICWTKTARRFAYLFVNINVTSEPHEVSALWFLWYVKQCGGTTRIFSVTNG  
GQERKFVGGSGQVSERIMDLLGDQVQLNHPVTHVDQSSDNIIETLNHEHYECKYVINAIPPTLTAKIHFRPELPAERNQLI  
QRLPMGAVIKCMMYYKEAFWKKKDYCGCMIIEDEDAPISITLDDTKPDGSLPAIMGFILARKADRLAKLHKEIRKKKICEL  
YAKVLGSQEALHPVHYEEKNWCEEQYSGGCYTAYFPPGIMTQYGRVIRQPVGRIFAGTETATKWSGYMEGAVEAGERA  
AREVLNGLGKVTEKDIWVQEPESKDVPVEITHTFWERNLPS
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.