

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

HAAO, 1-286aa, Human, His tag, E.coli

产品货号: TP02393

第三版

别名:3-hydroxyanthranilate 3,4-dioxygenase, 3-HAO, HAO.

描述:HAAO is a monomeric cytosolic protein belonging to the family of intramolecular dioxygenases containing nonheme ferrous iron. This protein catalyzes the synthesis of quinolinic acid (QUIN) from 3- hydroxyanthranilic acid. QUIN is an excitotoxin whose toxicity is mediated by its ability to activate glutamate Nmethyl- D-aspartate receptors.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:35kDa (310aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMERRLGVRWVVKENRGSFQPPVCNKLHMQEQLKVMFIGGPNTRKDYHIEEGEE  
VFYQLEGDMVLRVLEQQKHRDVVIRQGEIFLLPARVPHSPQRFANTVGLVVERRRLETGLRYYVGDMDVLFKWF  
YCKDLGTQLAPIIQEFFSSEQYRTGKPIPDQLLKEPPPLSTRSIMEPMSLDAWLDSHHRELQAGTPLSLFGDTYETQVIAYG  
QGSSEGLRQNVDVWLWQLEGSSVVTMGRRRLSLAPDSSLVLAGTSYAWERTQGSVALSVTQDPACKKPLG

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by BCA 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.