

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

ASMT, 1-298aa, Human, His tag, E.coli

产品货号: TP01248

第三版

别名: Acetylserotonin O-methyltransferase, HIOMT, HIOMTY

描述: ASMT belongs to the methyltransferase superfamily and is involved in melatonin biosynthesis. Expressed in brain, retina and pineal gland, ASMT functions to catalyze the final reaction in the synthesis of melatonin, specifically the conversion of S-adenosyl-L-methionine and N-acetylserotonin to S-adenosyl-L-homocysteine and melatonin.

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

分子量: 35.3 kDa (318aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSSDQAYRLLNDYANGFMVSQVLFAACELGVFDLLAEAPGPLDVAAVAAGVRASA  
HGTELLLDICVSLKLLKVETRGGKAFYRNTLSSDYLTTVSPTSQCSMLKYMGRTSYRCWGH LADAVREGRNQYLETFGV  
PAEELFTAIYRSEGERLQFMQALQEVWSVNGRSVLTAFDLSVFPLMCDLGGDFFKDPLPEADLYILARVLHDWADGKCSH  
LLERIYHTCKPGGGILVIESLLDEDRRGPLLTQLYSLNMLVQTEGQERTPTHYHMLLSSAGFRDFQFKKTGAIYDAILARK

纯度: > 95% by HPLC

浓度: 1 mg/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.