

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。

HNMT, 1-292 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02477

第三版

别名: Histamine N-methyltransferase isoform 1, HMT, HNMT-S1, HNMT-S2

描述: Histamine N-methyltransferase (HNMT) is found in the cytosol and uses S-adenosyl-L-methionine as the methyl donor. HNMT inactivates histamine by N-methylation. Histamine is involved in regulation and modulation of immune response through the stimulation of four distinct subtypes of receptors, H1, H2, H3, and H4, present on the target cells. Histamine is inactivated by the histamine-metabolizing enzyme histamine N-methyltransferase (HNMT) in bronchus, kidney, and the central nervous system.

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

分子量: 37 kDa (328 aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMASMRSLFSDHGKYVESFRRFLNHSTEHQCMQEFMDK
KLPGIIGRIGDTKSEIKILSIGGGAGEIDLQILSKVQAQYPGVCINNEVVEPSAEQIAKYKELVAKTSNLENVKFAWHKETSSE
YQSRMLEKKELQKWDFIHMIMLYYVKDIPATLKKFFHSLGTTAKMLIIVVSGSSGWDKLWKKYGSRFPQDDLCQYITSD
DLTQMLDNLGLKYECYDLLSTMDISDCFIDGDENGDLLWDFLTETCNFNATAPPDLRAELGKDLQEPEFSAKKEGKVLFN
NTLSFIVIEA

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.