

Datasheet for ABIN667093

HNMT Protein (AA 1-292) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | HNMT |
| Protein Characteristics: | AA 1-292 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HNMT protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|--|
| Characteristics: | HNMT, 1-292 aa, Human, His-tagged, Recombinant, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|--|
| Target: | HNMT |
| Alternative Name: | HNMT (HNMT Products) |
| Background: | 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 |

Target Details

bronchus, kidney, and the central nervous system. It plays an important role in degrading histamine and in regulating the airway response to histamine. Recombinant human HNMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Histamine N-methyltransferase isoform 1 , HMT, HNMT-S1, HNMT-S2, Histamine N-methyltransferase isoform 1 EC 2.1.1.8, Histamine N methyltransferase, Hnmt, HNMT S1, HNMT S2. NCBI no.: NP_008826

Molecular Weight: 37 kDa (328 aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

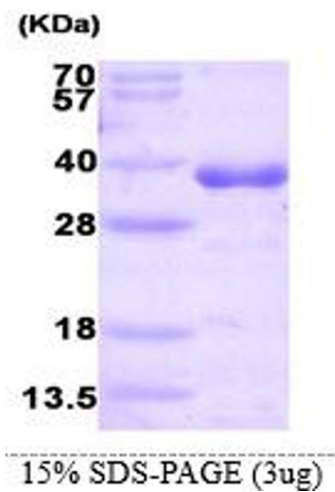
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

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

Storage: 4 °C

Images



SDS-PAGE

Image 1.