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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EHMT1 (Human) Recombinant Protein (P01)

Catalog Number: H00079813-P01

Regulation Status: For research use only (RUO)

Product Description: Human EHMT1 full-length ORF (AAH47504.1, 1 a.a. - 808 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAADAEAVPARGEPQQDCCVKTELLGEETPMAADE
GSAEKQAGEAHMAADGETNGSCENS DASSHANA AKH
TQDSARVNPQDGTNTLTRIAENGVSERDSEAAKQNHV
TADDFVQTSVIGSNGYILNKPALQAQPLRTTSTLASSLP
GHA AKTLP GGAGKGRTPSAFPQTPAAPPATLGE GSA
DTEDRKL PAPGADV K VHRARKTMPKSVVGLHAASKD
PREVREARDHKEPKKEEINKNISDFGRQQLPPFP SLHQ
SLPQNQC YMATTKSQTA CLPFVLA AAVSRKKRRMGT
YSLVPKKKT KVLKQRTVIEMFKSITHSTVGS KGEKDLG
ASSLHVNGESLEMDSEDDSEELEDDGHGAEQAAA
FPTEDSRTSKESMSEADRAQKMDGESEEEQESVDTG
EEEEGGDES DLSSESIKKKFLKRKGT DSPWIKPARK
RRRRSRKKPSGALGSESYKSSAGSAEQ TAPGDSTGY
MEVSLDSLDRVKGILSSQA EGLANGPDVLET DGLQE
VPLCSCRMETPKSREITTLANNQCMATESVDHELGR C
TDSVVKYELMRPSNKAPLLVLCE DHRGRMVKHQCCP
GCGYFCTAGNFMECQPESSISHRFHKDCASRVNNAS
YCPHCGEESKAKEVTIAKADTTSTVTPVPGQEKGSA
LEGRADTTT GSAAGPPLSEDDKLQGAASHVPEGF DPT
GPAGLGRPTPGLSQGPGKETLESALIALDSEKPKLRF
HPKQLYFSARQGELQKVLMLVDGIDPNFKMEHQNK R
SPLHAAA EAGHVDICHMLVQFCRLGSPRSRGCLW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 113.1

Interspecies Antigen Sequence: Mouse (84); Rat (81)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 79813

Gene Symbol: EHMT1

Gene Alias: DEL9q34, DKFZp667M072, EUHMTASE1, Eu-HMTase1, FLJ12879, FP13812, GLP, KIAA1876, KMT1D, bA188C12.1

Gene Summary: The protein encoded by this gene is a histone methyltransferase that is part of the E2F6 complex, which represses transcription. The encoded protein methylates the Lys-9 position of histone H3, which tags it for transcriptional repression. This protein may be involved in the silencing of MYC- and E2F-responsive genes and therefore could play a role in the G0/G1 cell cycle transition. Defects in this gene are a cause of chromosome 9q subtelomeric deletion syndrome (9q-syndrome). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]