

Recombinant Human EHMT1 Protein, GST-tagged

Cat. No. EHMT1-88H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EHMT1 protein, fused with N-terminal GST-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	894-1298
Description	GLP, in complex with the highly homologous G9a, is the major histone H3 lysine-9 (H3K9) methyltransferase for euchromatin and can also dimethylate p53K373, a modification correlating with levels of inactive p53. This latter result, along with the fact tha
Form	25.4 mM Na ₂ HPO ₄ /NaH ₂ PO ₄ , pH 7.4, 137 mM NaCl, 2.7 mM KCl, 3 mM DTT, 30% (w/v) glycerol.
Molecular Mass	80.0 kDa
Purity	>80% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

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Gene Name	EHMT1 euchromatic histone-lysine N-methyltransferase 1 [Homo sapiens]
Official Symbol	EHMT1
Synonyms	EHMT1; euchromatic histone-lysine N-methyltransferase 1; euchromatic histone methyltransferase 1; histone-lysine N-methyltransferase EHMT1; bA188C12.1; Eu HMTase1; FLJ12879; KIAA1876; KMT1D; H3-K9-HMTase 5; G9a like protein; G9a-like protein 1; lysine N-methyltransferase 1D; histone H3-K9 methyltransferase 5; histone-lysine N-methyltransferase, H3 lysine-9 specific 5; GLP; GLP1; FP13812; EUHMTASE1; Eu-HMTase1; RP11-188C12.1; DKFZp667M072;
Gene ID	79813
mRNA Refseq	NM_001145527
Protein Refseq	NP_001138999
MIM	607001
UniProt ID	Q9H9B1
Chromosome Location	9
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	histone methyltransferase activity (H3-K27 specific); histone methyltransferase activity (H3-K9 specific); histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity; p53 binding; protein binding; protein-lysine N-methyltra

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