

Recombinant Human EHMT2/EHMT1 Complex Protein, GST-tagged

Cat. No. EHMT2-87H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EHMT2(786-1210), EHMT1(894-1298) protein, fused with N-terminal GST-tag on both, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	786-1210;894-1298 a.a.
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	80.0/80.00 kDa
Purity	>85% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	EHMT2 euchromatic histone-lysine N-methyltransferase 2 [Homo sapiens]
Official Symbol	EHMT2

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Synonyms	EHMT2; euchromatic histone-lysine N-methyltransferase 2; BAT8, C6orf30, chromosome 6 open reading frame 30 , HLA B associated transcript 8; histone-lysine N-methyltransferase EHMT2; Em:AF134726.3; G9A; KMT1C; NG36/G9a; protein G9a; H3-K9-HMTase 3; G9A histone methyltransferase; HLA-B associated transcript 8; HLA-B-associated transcript 8; lysine N-methyltransferase 1C; ankyrin repeat-containing protein; histone H3-K9 methyltransferase 3; histone-lysine N-methyltransferase, H3 lysine-9 specific 3; BAT8; GAT8; NG36; C6orf30; FLJ35547; DKFZp686H08213;
Gene ID	10919
mRNA Refseq	NM_006709
Protein Refseq	NP_006700
MIM	604599
UniProt ID	Q96KQ7
Chromosome Location	6p21.3
Pathway	Gene Expression, organism-specific biosystem; Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; RNA Polymerase I Promoter Clearance, organism-specific biosystem; RNA Polymerase I Transcription, organism-specific bio
Function	histone methyltransferase activity (H3-K27 specific); histone methyltransferase activity (H3-K9 specific); metal ion binding; methyltransferase activity; p53 binding; protein binding; protein-lysine N-methyltransferase activity; transferase activity; zinc