Recombinant Human EHMT2 Protein, MYC/DDK-tagged

Cat. No. EHMT2-382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EHMT2, transcript variant NG36/G9a-SPI, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	128.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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Official Symbol	EHMT2
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_025256
Protein Refseq	NP_079532
MIM	604599
UniProt ID	Q96KQ7

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