Recombinant Human SETD2 protein

Cat. No. SETD2-259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD2(1345-1711 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1345-1711 a.a.
Description	SETD2 is a SET-domain containing histone methyltransferase, catalyzing the trimethylation of histone H3 at lysine 36. SETD2 is a candidate tumor suppressor protein and mutated in clear cell renal cell carcinoma.
Form	In 50mM Tris pH 7.3, 300 mM NaCl, 4mM DTT, 1μM ZnCl2 and 25% glycerol.
Molecular Mass	43 kDa
Applications	SETD2, Recombinant Human is useful for histone H3 methylation experiments, enzyme kinetics and inhibitor screening. Use of 0.5 - 2.5 μg SETD2 per reaction with nucleosomes or recombinant histone H3 as a substrate is recommended.
Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.
Concentration	1 μg/μl

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GENE INFORMATION

Gene Name	SETD2 SET domain containing 2 [Homo sapiens]
Official Symbol	SETD2
Synonyms	SETD2; SET domain containing 2; histone-lysine N-methyltransferase SETD2; FLJ23184; HIF 1; HYPB; KIAA1732; KMT3A; huntingtin yeast partner B; lysine N-methyltransferase 3A; huntingtin interacting protein 1; huntingtin-interacting protein B; SET2; HIF-1; HIP-1; HBP231; HSPC069; p231HBP; FLJ16420; FLJ22472; FLJ45883; FLJ46217;
Gene ID	29072
mRNA Refseq	NM_014159
Protein Refseq	NP_054878
MIM	612778
UniProt ID	Q9BYW2
Chromosome Location	3p21.31
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

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