

Recombinant Human SETD2 protein, GST-tagged

Cat. No. SETD2-260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD2(1345-1711 aa) fused with GST tag at N-terminal 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, 1mM ZnCl ₂ and 25% glycerol.
Molecular Mass	68 kDa
Applications	SETD2, Recombinant Human GST-tagged 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.

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Concentration 1 g/μ

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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