

Recombinant Human SET1A/WDR5/RbBP5/Ash2L/DPY-30 Complex Protein, His/GST-tagged

Cat. No. SETD1A-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SET1A Complex (SET1A (1418-1707), WDR5 (22-334), RbBP5 (1-538), Ash2L (2-534), DPY-30 (1-99)) protein, fused with N-terminal His-tag on all subunits, but SET1A, which is GST-tagged, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1418-1707;22-334;1-538;2-534;1-99 a.a.
Form	20 mM Tris-HCl, pH 7.5, 300 mM NaCl, 1 mM TCEP (tris(2-carboxyethyl)phosphine HCl), 10% (w/v) glycerol, 1 mM ZnCl ₂ .
Molecular Mass	249.0 kDa
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	SETD1A SET domain containing 1A [Homo sapiens]
Official Symbol	SETD1A

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Synonyms	SETD1A; SET domain containing 1A; histone-lysine N-methyltransferase SETD1A; KIAA0339; KMT2F; Set1; hSET1A; lysine N-methyltransferase 2F; SET domain-containing protein 1A; set1/Ash2 histone methyltransferase complex subunit SET1; Set1A;
Gene ID	9739
mRNA Refseq	NM_014712
Protein Refseq	NP_055527
MIM	611052
UniProt ID	O15047
Chromosome Location	16p11.2
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	RNA binding; histone methyltransferase activity (H3-K4 specific); methyltransferase activity; nucleotide binding; protein binding; transferase activity;