

Recombinant Human SET1B/WDR5/RbBP5/Ash2L/DPY-30 Complex Protein, His/GST-tagged

Cat. No. SETD1B-185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SET1B Complex (SET1B (1629-1923), WDR5 (22-334), RbBP5 (1-538), Ash2L (2-534), DPY-30 (1-99)) protein, fused with N-terminal His-tag on all subunits, but SET1B, which is GST-tagged, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1629-1923;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 μ M ZnCl ₂ .
Molecular Mass	249.0 kDa
Purity	>90% by SDS-PAGE
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	SETD1B SET domain containing 1B [Homo sapiens]
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Official Symbol	SETD1B
Synonyms	SETD1B; SET domain containing 1B; histone-lysine N-methyltransferase SETD1B; KIAA1076; KMT2G; Set1B; hSET1B; lysine N-methyltransferase 2G; SET domain-containing protein 1B; FLJ20803;
Gene ID	23067
mRNA Refseq	NM_015048
Protein Refseq	NP_055863
MIM	611055
UniProt ID	Q9UPS6
Chromosome Location	12q24.31
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	RNA binding; contributes_to histone methyltransferase activity (H3-K4 specific); methyltransferase activity; nucleotide binding; protein binding; transferase activity;