

Recombinant Human KMT2A Complex, His-tagged

Cat. No. KMT2A-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLL1(3745-3969), WDR5(22-334), RbBP5(1-538), Ash2L(2-534), DPY-30(1-99) protein, fused with N-terminal His-tag on all subunits, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	3745-3969;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	212.0 kDa
Purity	>90% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	KMT2A lysine (K)-specific methyltransferase 2A [Homo sapiens]
Official Symbol	KMT2A

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Synonyms	HRX; MLL; MLL1; TRX1; ALL-1; CXXC7; HTRX1; MLL1A; WDSTS; MLL-AF9; MLL/GAS7; TET1-MLL; CDK6/MLL fusion protein; CXXC-type zinc finger protein 7; MLL-AF4 der(11) fusion protein; MLL/ENL fusion protein; MLL/GAS7 fusion protein; MLL/GMPS fusion protein; MLL/hCDCrel fusion protein; lysine N-methyltransferase 2A; mixed lineage leukemia 1; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); rearranged MLL protein; trithorax-like protein; zinc finger protein HRX
Gene ID	4297
mRNA Refseq	NM_001197104
Protein Refseq	NP_001184033
MIM	159555
UniProt ID	Q03164
Chromosome Location	11q23
Pathway	Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; Lysine degradation, conserved biosystem
Function	AT DNA binding; chromatin binding; core promoter sequence-specific DNA binding