

Recombinant Human KMT2C Complex, His-tagged

Cat. No. KMT2C-130H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLL3 (4689-4911), 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	4689-4911;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	211.0 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	KMT2C lysine (K)-specific methyltransferase 2C [Homo sapiens]
Official Symbol	KMT2C

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Synonyms	HALR; MLL3; ALR-like protein; histone-lysine N-methyltransferase MLL3; histone-lysine N-methyltransferase, H3 lysine-4 specific homologous to ALR protein; myeloid/lymphoid or mixed-lineage leukemia protein 3
Gene ID	58508
mRNA Refseq	NM_170606
Protein Refseq	NP_733751
MIM	606833
UniProt ID	Q8NEZ4
Chromosome Location	7q36.1
Pathway	Chromatin modifying enzymes, organism-specific biosystem; Lysine degradation, organism-specific biosystem; PKMTs methylate histone lysines, organism-specific biosystem
Function	DNA binding; poly(A) RNA binding; zinc ion binding

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