

## Recombinant Human KMT2C Complex, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	4689-4911;22-334;1-538;2-534;1-99 a.a.
<b>Form</b>	20 mM Tris-HCl, pH 7.5, 300 mM NaCl, 1 mM TCEP (tris(2-carboxyethyl)phosphine HCl), 10% (w/v) glycerol, 1 $\mu$ M ZnCl <sub>2</sub> .
<b>Molecular Mass</b>	211.0 kDa
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

### GENE INFORMATION

<b>Gene Name</b>	KMT2C lysine (K)-specific methyltransferase 2C [ Homo sapiens ]
<b>Official Symbol</b>	KMT2C

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<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">58508</a>
<b>mRNA Refseq</b>	<a href="#">NM_170606</a>
<b>Protein Refseq</b>	<a href="#">NP_733751</a>
<b>MIM</b>	<a href="#">606833</a>
<b>UniProt ID</b>	<a href="#">Q8NEZ4</a>
<b>Chromosome Location</b>	7q36.1
<b>Pathway</b>	Chromatin modifying enzymes, organism-specific biosystem; Lysine degradation, organism-specific biosystem; PKMTs methylate histone lysines, organism-specific biosystem
<b>Function</b>	DNA binding; poly(A) RNA binding; zinc ion binding

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