

Recombinant Human KMT5C Protein, GST-tagged

Cat. No. KMT5C-010H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KMT5C protein (2-280) with a N-terminal GST-tag was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	2-280
Description	SUV420H2 and the related enzyme SUV420H1 function as histone methyltransferases that specifically trimethylate nucleosomal histone H4 on lysine-20.
Molecular Mass	58.6 kDa
Purity	≥95% estimated by SDS-PAGE
Stability	≥ 6 months
Storage	-80 centigrade
Storage Buffer	50 mM Tris, pH 8.0, with 150 mM sodium chloride and 20% glycerol

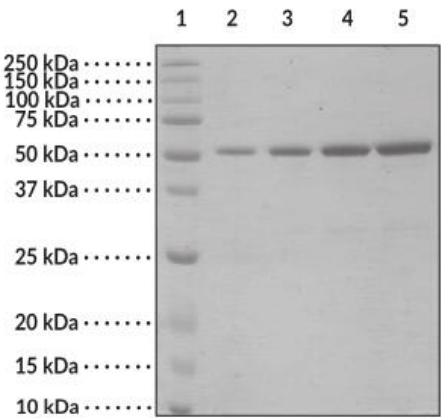
GENE INFORMATION

Gene Name	KMT5C lysine methyltransferase 5C [Homo sapiens (human)]
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Official Symbol	KMT5C
Synonyms	KMT5C; lysine methyltransferase 5C; SUV420H2; Suv4-20h2; histone-lysine N-methyltransferase KMT5C; [histone H4]-N-methyl-L-lysine20 N-methyltransferase KMT5B; [histone H4]-lysine20 N-methyltransferase KMT5B; histone-lysine N-methyltransferase SUV420H2; lysine (K)-specific methyltransferase 5C; lysine N-methyltransferase 5C; lysine-specific methyltransferase 5C; su(var)4-20 homolog 2; suppressor of variegation 4-20 homolog 2; EC 2.1.1.361; EC 2.1.1.362
Gene ID	84787
mRNA Refseq	NM_032701
Protein Refseq	NP_116090
MIM	613198
UniProt ID	Q86Y97
SDS-PAGE analysis of KMT5C.	

Lane 1: MW Ladder

Lane 2: KMT5C (1 g)

Lane 3: KMT5C (2 g)

Lane 4: KMT5C (4 g)

Lane 5: KMT5C (6 g)

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