

## Product datasheet for **TP761844**

### **KMT5C (NM\_032701) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human suppressor of variegation 4-20 homolog 2 (Drosophila) (SUV420H2), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length SUV420H2
<b>Tag:</b>	N-GST and C-His
<b>Predicted MW:</b>	79.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_116090</a>
<b>Locus ID:</b>	84787
<b>UniProt ID:</b>	<a href="#">Q86Y97</a>
<b>RefSeq Size:</b>	2297
<b>Cytogenetics:</b>	19q13.42
<b>RefSeq ORF:</b>	1386
<b>Synonyms:</b>	Suv4-20h2; SUV420H2



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**Summary:** SUV420H2 and the related enzyme SUV420H1 (MIM 610881) function as histone methyltransferases that specifically trimethylate nucleosomal histone H4 (see MIM 602822) on lysine-20 (K20) (Schotta et al., 2004 [PubMed 15145825]).[supplied by OMIM, Dec 2009]

**Protein Families:** Druggable Genome

**Protein Pathways:** Lysine degradation

**Product images:**

