

Product datasheet for RC214671

MLL5 (KMT2E) (NM_182931) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MLL5 (KMT2E) (NM_182931) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MLL5
Synonyms:	HDCMC04P; MLL5; NKp44L; ODLURO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC214671 representing NM_182931 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC214671 representing NM_182931

Red=Cloning site Green=Tags(s)

MSIVIPLGVDTAETSYLEMAAGSEPEASPVVVEKSNSYPHQLYSSSHSHSYIGLPYADHNYGARP
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 PHGVQGPQQASPVPQIPIHRAQVPPFTQNNYHGSQWH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_182931.3](#)

RefSeq Size: 7139 bp

RefSeq ORF: 5577 bp

Locus ID: 55904

UniProt ID: [Q8IZD2](#)

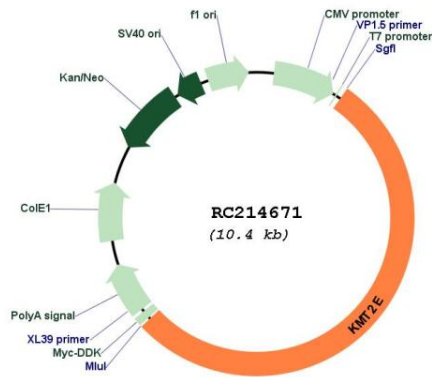
Cytogenetics: 7q22.3

Protein Families: Druggable Genome

MW: 204.8 kDa

Gene Summary: This gene is a member of the myeloid/lymphoid or mixed-lineage leukemia (MLL) family and encodes a protein with an N-terminal PHD zinc finger and a central SET domain. Overexpression of the protein inhibits cell cycle progression. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC214671