

Product datasheet for **TP760171**

KMT5A (NM_020382) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SET domain containing (lysine methyltransferase) 8 (SETD8), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length SETD8
Tag:	N-His
Predicted MW:	42.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065115
Locus ID:	387893
UniProt ID:	Q9NQR1
RefSeq Size:	2765
Cytogenetics:	12q24.31
RefSeq ORF:	1056
Synonyms:	PR-Set7; PR/SET07; SET07; SET8; SETD8



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Summary: The protein encoded by this gene is a protein-lysine N-methyltransferase that can monomethylate Lys-20 of histone H4 to effect transcriptional repression of some genes. The encoded protein is required for cell proliferation and plays a role in chromatin condensation. [provided by RefSeq, May 2016]

Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

Product images:

