

Recombinant Human SETD7, T7 -tagged

Cat. No. SETD7-29808TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full length SETD7/ SET7/9 protein
Species	Human
Source	E.coli
Description	Histone-lysine N-methyltransferase SETD7 is an enzyme that in humans is encoded by the SETD7 gene.
Conjugation	T7
Tissue specificity	Widely expressed. Expressed in pancreatic islets.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.2M Sodium chloride, 50mM Tris HCl, 5mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MDSDDEMVEE AVEGHLDDDG LPHGFCTVTY SSTDRFEGNF VHGEKNGRGK FFFFDGGSTLEGYYVDDALQG QGVYTYEDGG VLQGT YVDGE LNGPAQEYDT DGR LIFKGQY KDNIRHGVCWIYYPDGGSLV GEVNEDGEMT GEKIAYVYPD

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ERTALYGKFI DGEMIEGKLA TLMSTEEGRPHFELMPGNSV YHFDKSTSSC
 ISTNALLPDP YESERVYVAE SLISSAGEGL FSKVAVGPNTVMSFYNGVRI
 THQEVDSRDW ALNGNTLSLD EETVIDVPEP YNHVSKYCAS LGHKANHSFT
 PNCIYDMFVH PRFGPIKCIR TLRAVEADEE LTVAYGYDHS PPGKSGPEAP
 EWYQVELKAFQATQQK

Sequence Similarities Belongs to the histone-lysine methyltransferase family. SET7 subfamily. Contains 3 MORN repeats. Contains 1 SET domain.

Full Length Full L.

GENE INFORMATION

Gene Name [SETD7 SET domain containing \(lysine methyltransferase\) 7 \[Homo sapiens \]](#)

Official Symbol [SETD7](#)

Synonyms SETD7; SET domain containing (lysine methyltransferase) 7; histone-lysine N-methyltransferase SETD7; KIAA1717; KMT7; SET7; SET7/9; Set9;

Gene ID [80854](#)

mRNA Refseq [NM_030648](#)

Protein Refseq [NP_085151](#)

MIM [606594](#)

Uniprot ID [Q8WTS6](#)

Chromosome 4q31.1

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Location

Pathway

Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; p53 pathway, organism-specific biosystem;

Function

histone-lysine N-methyltransferase activity; histone-lysine N-methyltransferase activity; methyltransferase activity; p53 binding; protein binding;

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