Recombinant Human SETD8, GST-tagged

Cat. No. SETD8-461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SET8 (amino acids 195-352) was expressed in an*E.coli*expression system with N-terminal GST tag. MW = 44 kDa.
Species	Human
Source	E.coli
ProteinLength	195-352 a.a.
Description	Histone-lysine N-methyltransferase SETD8 is an enzyme that in humans is encoded by the SETD8 gene.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 20% glycerol, and 3 mM DTT.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	> 70%.
Stability	>6 months at –80°C.

GENE INFORMATION

Gene Name	SETD8 SET domain containing (lysine methyltransferase) 8 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	SET domain containing (lysine methyltransferase) 8; SET8; KMT5A; SET07; PR-Set7; SETD8; SET domain-containing 8; PR/SET domain containing protein 8; H4-K20-specific histone methyltransferase; EC 2.1.1.43; PR/SET07; PRSET7; H4-K20-HMTase SETD8; Lysine N-methyltransferase 5A; PR/SET domain-containing protein 07; SET domain-containing protein 8
Gene ID	387893
mRNA Refseq	NM_020382
Protein Refseq	NP_065115
MIM	607240
UniProt ID	Q9NQR1
Chromosome Location	12q24.31
Pathway	Lysine degradation
Function	histone-lysine N-methyltransferase activity; methyltransferase activity; protein binding; transcription corepressor activity; transferase activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based on 1zkk.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA