

## Recombinant Human SETD8, GST-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	SETD8 SET domain containing (lysine methyltransferase) 8 [ Homo sapiens ]
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<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">387893</a>
<b>mRNA Refseq</b>	<a href="#">NM_020382</a>
<b>Protein Refseq</b>	<a href="#">NP_065115</a>
<b>MIM</b>	<a href="#">607240</a>
<b>UniProt ID</b>	<a href="#">Q9NQR1</a>
<b>Chromosome Location</b>	12q24.31
<b>Pathway</b>	Lysine degradation
<b>Function</b>	histone-lysine N-methyltransferase activity; methyltransferase activity; protein binding; transcription corepressor activity; transferase activity

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