

Recombinant Human SETD8 protein(Lys195-His352)

Cat. No. SETD8-886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD8 (NP_065115.3) (Lys 195-His 352) was expressed and purified in E. coli, with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	195-352 a.a.
Form	Lyophilized from sterile 20mM Tris, 100mM NaCl, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SETD8 comprises 160 amino acids and has a predicted molecular mass of 18.2 kDa. It migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	SETD8 SET domain containing (lysine methyltransferase) 8 [Homo sapiens]
Official Symbol	SETD8
Synonyms	SETD8; SET domain containing (lysine methyltransferase) 8; N-lysine methyltransferase SETD8; KMT5A; PR Set7; SET07; SET8; PR/SET07; H4-K20-HMTase SETD8; lysine N-methyltransferase 5A; SET domain-containing protein 8; PR/SET domain containing protein 8; PR/SET domain-containing protein 07; histone-lysine N-methyltransferase SETD8; H4-K20-specific histone methyltransferase; H4K20-specific histone methyltransferase splice variant Set8b; PR-Set7;
Gene ID	387893
mRNA Refseq	NM_020382
Protein Refseq	NP_065115
MIM	607240
UniProt ID	Q9NQR1

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