

Recombinant Human WHSC1L1 protein, GST-tagged

Cat. No. WHSC1L1-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WHSC1L1(a.a. 1021-1322) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1021-1322 a.a.
Description	NSD3 is a histone methyltransferase that preferentially methylates Lys4 and Lys27 of histone H3. Lys4 methylation usually represents a specific tag for epigenetic transcriptional activation, while Lys27 is a mark for transcriptional repression.
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 16 mM glutathione, 3 mM DTT and 20% glycerol.
Molecular Mass	61 kDa
Purity	>96%
Applications	Suitable for protein binding studies, as an immunogen, or as a Western blotting control.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles.

 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

Concentration 0.44 mg/ml

GENE INFORMATION

Gene Name WHSC1L1 Wolf-Hirschhorn syndrome candidate 1-like 1 [Homo sapiens]

Official Symbol WHSC1L1

Synonyms WHSC1L1; Wolf-Hirschhorn syndrome candidate 1-like 1; histone-lysine N-methyltransferase NSD3; FLJ20353; NSD3; protein whistle; WHSC1-like protein 1; nuclear SET domain-containing protein 3; WHSC1-like 1 isoform 9 with methyltransferase activity to lysine; pp14328; MGC126766; MGC142029; DKFZp667H044;

Gene ID 54904

mRNA Refseq NM_023034

Protein Refseq NP_075447

MIM 607083

UniProt ID Q9BZ95

Chromosome Location 8p11.2

Pathway Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

Function histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase

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activity; transferase activity; zinc ion binding;

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