

Recombinant Human WHSC1L1, His-tagged

Cat. No. WHSC1L1-28412TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 240-645 of Human NSD3 with an N terminal His tag. 60 kDa; Predicted mwt: 47 kDa;
Species	Human
Source	E.coli
ProteinLength	240-645 a.a.
Description	This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. The function of the protein has not been determined. Two alternatively spliced variants have been described.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 106 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	EEPVLKEEAPVQPILSSVPTTEVSTGVKFQVGDLVWSKVG TYPWWPCMVSSDPQL EVHTKINTRGAREYHVQFFSNQP ERAWWHEKRVREYKGHKQYEELLAETKQASN

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HSEKQK IRKPRPQRERAQWDIGIAHAEKALKMTREERIEQYTFIYI DKQP EEALSQA
KKS VASKTEVKKTRRPRSVLNTQPEQT NAGEVASSLSSTEIRRHSQRRHTSAEEEE
PPPVKIAWK TAAARKSLPASITMHKGS LDKCNMSPVVKIEQVFALQN ATGDGKFI
DQFVYSTKGIGNKTEISVRGQDRLIISTPN QRNEKPTQSVSSPEATSGSTGSVEKKQ
QRRSIRTRSES EKSTEVVPKKIKKEQVETVPQATVKTGLQKGSADRGVQG SVRF
SDSSVSAAIEETVD

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;
Gene ID	54904
mRNA Refseq	NM_017778
Protein Refseq	NP_060248
MIM	607083
Uniprot ID	Q9BZ95
Chromosome Location	8p11.2
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

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Function

histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity; transferase activity; zinc ion binding;

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