

Recombinant Human WHSC1(E1099K) Protein, His-tagged

Cat. No. WHSC1-146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WHSC1, with lysine (K) substituted for glutamate-1099 (E1099), fused with N-terminal His tag, was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	2-1365
Form	50 mM Tris/HCl pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v)
Molecular Mass	155.5 kDa
Purity	>95% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	WHSC1 Wolf-Hirschhorn syndrome candidate 1 [Homo sapiens]
Official Symbol	WHSC1
Synonyms	WHSC1; Wolf-Hirschhorn syndrome candidate 1; probable histone-lysine N-

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methyltransferase NSD2; MMSET; NSD2; trithorax/ash1-related protein 5; nuclear SET domain-containing protein 2; IL5 promoter REII region-binding protein; multiple myeloma SET domain containing protein type III; WHS; TRX5; REIIBP; FLJ23286; KIAA1090; MGC176638;

Gene ID	7468
mRNA Refseq	NM_001042424
Protein Refseq	NP_001035889
MIM	602952
UniProt ID	O96028
Chromosome Location	4p16.3
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity; transferase activity; zinc ion binding;