

## Recombinant Human WHSC1 Protein, His-tagged

Cat. No. WHSC1-144H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human WHSC1 protein, fused with N-terminal His tag, was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	2-1365
<b>Form</b>	50 mM Tris/HCl pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v).
<b>Molecular Mass</b>	155.5 kDa
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

### GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

methyltransferase NSD2; MMSET; NSD2; trithorax/ash1-related protein 5; nuclear SET domain-containing protein 2; IL5 promoter RE11 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;

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