

## 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- |

 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 REII region-binding protein; multiple myeloma SET domain containing protein type III; WHS; TRX5; REIIBP; FLJ23286; KIAA1090; MGC176638;

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