

Recombinant Human NSD2 Protein, GST-tagged

Cat. No. NSD2-022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSD2 protein (941-1240) with a N-terminal GST-tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	941-1240
Description	This gene encodes a protein that contains four domains present in other developmental proteins: a PWWP domain, an HMG box, a SET domain, and a PHD-type zinc finger. It is expressed ubiquitously in early development. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene maps to the 165 kb WHS critical region and has also been involved in the chromosomal translocation t(4;14)(p16.3;q32.3) in multiple myelomas. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Some transcript variants are nonsense-mediated mRNA (NMD) decay candidates, hence not represented as reference sequences.
Molecular Mass	61.2 kDa
Purity	≥80% estimated by SDS-PAGE
Stability	≥ 1 year

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Storage -80 centigrade

GENE INFORMATION

Gene Name NSD2 nuclear receptor binding SET domain protein 2 [Homo sapiens (human)]

Official Symbol NSD2

Synonyms NSD2; nuclear receptor binding SET domain protein 2; WHS; TRX5; KMT3F; KMT3G; MMSET; WHSC1; REIIBP; histone-lysine N-methyltransferase NSD2; IL5 promoter REII region-binding protein; Wolf-Hirschhorn syndrome candidate 1; multiple myeloma SET domain containing protein type III; nuclear SET domain-containing protein 2; probable histone-lysine N-methyltransferase NSD2; trithorax/ash1-related protein 5; EC 2.1.1.356

Gene ID 7468

mRNA Refseq NM_001042424

Protein Refseq NP_001035889

MIM 602952

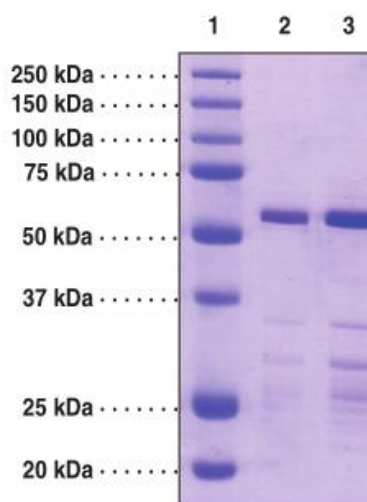
UniProt ID O96028

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SDS-PAGE Analysis of NSD2.



Lane 1: MW Standards

Lane 2: NSD2 (1 µg)

Lane 3: NSD2 (5 µg)

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