

Recombinant Human NSD3 Protein, GST-tagged

Cat. No. NSD3-020H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSD3 protein (1021-1322) with a N-terminal GST-tag was expressed in E.coli
Species	Human
Source	E.coli
ProteinLength	1021-1322
Description	This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described.
Molecular Mass	61.2 kDa
Purity	≥90% estimated by SDS-PAGE
Stability	≥ 1 year
Storage	-80 centigrade
Storage Buffer	50 mM Tris, pH 8.0, containing 150 mM sodium chloride and 20% glycerol
Shipping	Dry ice in continental US, may vary elsewhere.

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GENE INFORMATION

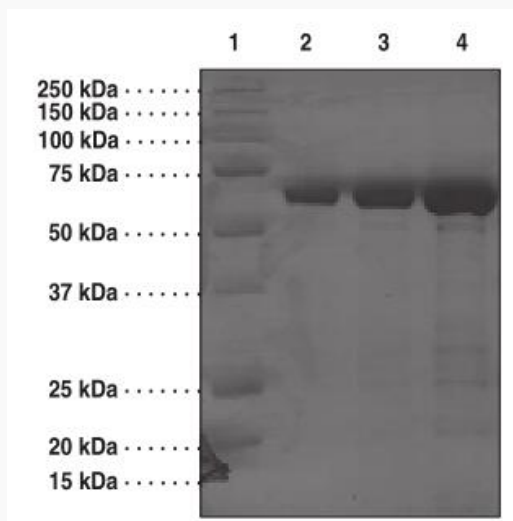
Gene Name	NSD3 nuclear receptor binding SET domain protein 3 [Homo sapiens (human)]
Official Symbol	NSD3
Synonyms	NSD3; nuclear receptor binding SET domain protein 3; KMT3F; KMT3G; WHISTLE; WHSC1L1; pp14328; histone-lysine N-methyltransferase NSD3; WHSC1-like 1 isoform 9 with methyltransferase activity to lysine; Wolf-Hirschhorn syndrome candidate 1-like 1; nuclear SET domain-containing protein 3; protein whistle; EC 2.1.1.43
Gene ID	54904
mRNA Refseq	NM_017778
Protein Refseq	NP_060248
MIM	607083
UniProt ID	Q9BZ95

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SDS-PAGE Analysis of NSD3



Lane 1: MW Markers

Lane 2: NSD3 (2 µg)

Lane 3: NSD3 (5 µg)

Lane 4: NSD3 (10 µg)