

Recombinant Human NSD1 Protein, His-tagged

Cat. No. NSD1-143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSD1 protein, fused with N-terminal His tag, was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	1538-2696
Form	50 mM Tris/HCl pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v).
Molecular Mass	130.9 kDa
Purity	>90% 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	NSD1 nuclear receptor binding SET domain protein 1 [Homo sapiens]
Official Symbol	NSD1
Synonyms	NSD1; nuclear receptor binding SET domain protein 1; Sotos syndrome , STO;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific; ARA267; FLJ22263; KMT3B; H3-K36-HMTase; H4-K20-HMTase; lysine N-methyltransferase 3B; NR-binding SET domain-containing protein; androgen receptor-associated coregulator 267; androgen receptor coactivator 267 kDa protein; androgen receptor-associated protein of 267 kDa; nuclear receptor-binding SET domain-containing protein 1; STO; SOTOS; FLJ10684; FLJ44628; DKFZp666C163;

Gene ID [64324](#)

mRNA Refseq [NM_022455](#)

Protein Refseq [NP_071900](#)

MIM [606681](#)

UniProt ID [Q96L73](#)

Chromosome Location 5q35

Pathway Androgen Receptor Signaling Pathway, organism-specific biosystem; Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;

Function androgen receptor binding; chromatin binding; estrogen receptor binding; histone methyltransferase activity (H3-K36 specific); histone methyltransferase activity (H3-K36 specific); histone methyltransferase activity (H4-K20 specific); ligand-dependent nuclear receptor binding; metal ion binding; methyltransferase activity; retinoic acid receptor binding; retinoid X receptor binding; thyroid hormone receptor binding; transcription cofactor activity; transcription corepressor activity; transferase activity; zinc ion binding;

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