

Recombinant Human NSD1 protein, His-tagged

Cat. No. NSD1-2813H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NSD1 protein(341-630 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	341-630 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QRSLVCGSKVKLCYIGAGDEEKRSDSISICTTSDDGSSDLDPIDHSSSESDNSVLEIPD AFDRTENMLSMQKNEKIKYSRFAATNTRVKAKQKPLISNSHTDHLMGCTKSAEPT ETPQVNLSDLKASTLVHKPQSDFTNDALSPKFNLSISSSENSLIKGGGAANQALLHSK SKQPKFRSIKCKHKENPVMAEPPVINEECSLKCCSSDTKGSPLASISKSGKVDGLKLL NNMHEKTRDSSDIETAVVKHVLSELKELSYRSLGEDVSDSGTSKPSKPLLFSSASSQ NHI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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; 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

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