

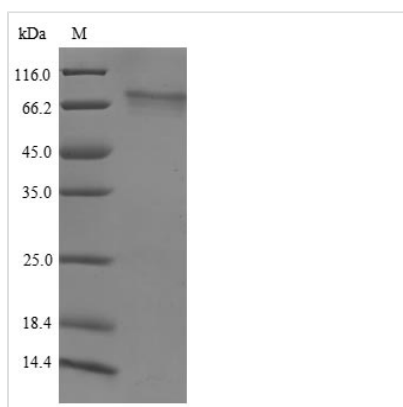


Recombinant Human Histone-lysine N-methyltransferase NSD3 (NSD3)

Product Code	CSB-YP880145HU
Abbreviation	Recombinant Human NSD3 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BZ95
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MDFSFSFMQGMGNTIQPPQLIDSANIRQEDAFDNNSDIAEDGGQTPYEATL QQGFQYPATTEDLPPLTNGYPSSISVYETQTKYQSYNQYPNGSANGFGAVRN FSPTDYYHSEIPNTRPHEILEKPSPPQPPPPSPVQTVIPKKTGSPEIKLKITKI QNGRELFESSLCGDLLNEVQASEHTKSKHESRKEKRKSNKHDISSRSEERKS HKIPKLEPEEQNRPNERVDTVSEKPREEPVLKEEAPVQPILSSVPTTEVSTGVK FQVGDVWSKVGTYPPWPCMVSSDPQLEVHTKINTRGAREYHVQFFSNQPE RAWVHEKRVREYKGHKQYEELLAEATKQASNHSEKQKIRKPRPQRERAQWDI GIAHAEKALKMTREERIEQYTFIYIDKQPEEALSQAKKSVASKTEVKKTRRPRS VLNTQPEQTNAGEVASSLSSTEIRRHSQRRHTSAEEEEPPPVKIAWKTAARK SLPASITMHKGSLLDLQKCNMSPVVKIEQVFALQ NATGDGKFIDQFVYSTKGIGN KTEISVRGQDRLIISTPNQRNEKPTQSVSSPEATSGSTGSVEKKQRRRSIRTRS ESEKSTEVPKPKKIKKEQVETVPQATVKTGLQKGSADRGVQGSVRFSDSSVS AAIEETVD
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Target Names	NSD3
Protein Names	Recommended name: Histone-lysine N-methyltransferase NSD3 EC= 2.1.1.43 Alternative name(s): Nuclear SET domain-containing protein 3 Protein whistle WHSC1-like 1 isoform 9 with methyltransferase activity to lysine Wolf-Hirschhorn
Expression Region	1-645aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	73.9 kDa
Protein Length	Full Length of Isoform 3



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.