



Recombinant Human Putative methyltransferase NSUN5 (NSUN5)

Product Code	CSB-MP839386HU
Abbreviation	NSUN5
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.	Q96P11
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	GLYAAAAGV LAGVESRQGS IKGLVYSSNF QNVKQLYALV CETQRYSAVL DAVIASAGLL RAEKCLRPHL AKVLVYELLL GKGFRGGGGR WKALLGRHQA RLKAELARLK VHRGVSRNED LLEVGSRPGP ASQLPRFVRV NTLKTCSDDV VDYFKRQGFS YQGRASSLDD LRALKGKHFL LDPLMPELLV FPAQTDLHEH PLYRAGHLIL QDRASCLPAM LLDPPPGSHV IDACAPGNK TSHLAALLKN QGKIFAFDLD AKRLASMATL LARAGVSCCE LAEEDFLAVS PSDPRYHEVH YILLDPSCSG SGMPSRQLEE PGAGTSPVR LHALAGFQQR ALCHALTFPS LQRLVYSTCS LCQEENEDVV RDALQQNPGA FRLAPALPAW PHRGLSTFPG AEHCLRASPE TTLSSGFFVA VIERVEVPR
Source	Mammalian cell
Target Names	NSUN5
Protein Names	Recommended name: Putative methyltransferase NSUN5 EC= 2.1.1.- Alternative name(s): NOL1-related protein Short name= NOL1R NOL1/NOP2/Sun domain family member 5 Williams-Beuren syndrome chromosomal region 20A protein
Expression Region	2-429
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the evolutionarily conserved NOL1/NOP2/Sun domain family. The encoded protein may function as a DNA methyltransferase in the nucleus. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

**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

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