



Recombinant Human Putative methyltransferase NSUN5 (NSUN5)

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| Product Code | CSB-EP839386HU-B |
| 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 CETQRYS AVL DAVIASAGLL RAEKCLRPHL AKVLVYELLL GKGFRGGGGR WKALLGRHQA RLKAELARLK VHRGVSRNED LLEVGSRPGP ASQLPRFVRV NTLKTCSDDV VDYFKRQGFS YQGRASSLDD LRALKGKHFL LDPLMPELLV FPAQTDLHEH PLYRAGHLIL QDRASCLPAM LLDPPPGSHV IDACAAPGNK TSHLAALLKN QGKIFAFDLD AKRLASMATL LARAGVSCCE LAEEDFLAVS PSDPRYHEVH YILLDPSCSG SGMPSRQLEE PGAGTSPVR LHALAGFQQR ALCHALTFPS LQRLVYSTCS LCQEENEDVV RDALQQNPGA FRLAPALPAW PHRGLSTFPG AEHCLRASPE TTLSSGFFVA VIERVEVPR |
| Source | E.coli |
| 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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