



# Recombinant Human N(6)-adenosine-methyltransferase catalytic subunit METTL3 (METTL3)

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| <b>Product Code</b>      | CSB-YP773027HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Abbreviation</b>      | METTL3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Uniprot No.</b>       | Q86U44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b>    | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Type</b>      | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | SDTWSSIIQA HKKQLDSLRE RLQRRRKQDS GHLDLRNPEA ALSPTFRSDS<br>PVPTAPTSGG PKPSTASAVP ELATDPELEK KLLHHLSDLA LTLPTDAVSI<br>CLAISTPDAP ATQDGVESLL QKFAAQELIE VKRGLLQDDA HPTLVITYADH<br>SKLSAMMGAV AEKKGPGGEVA GTVTGQKRRA EQDSTTVAAF ASSLVSGLNS<br>SASEPAKEPA KKSARKHAASD VDLEIESLLN QQSTKEQQSK KVSQEILELL<br>NTTTAKEQSI VEKFRSRGRA QVQEFCDYGT KEECMKASDA DRPCRKLHFR<br>RIINKHTDES LGDCSFLNTC FHMDTCKYVH YEIDACMDSE APGSKDHTPS<br>QELALTQSVG GDSSADRLFP PQWICCDIRY LDVSILGKFA VVMADPPWDI<br>HMELPYGTLT DDEMRRNLNIP VLQDDGFLFL WVTGRAMELG RECLNLWGYE<br>RVDEIIWVKT NQLQRIIRTG RTGHWLNHGK EHCLVGVKGN PQGFNQGLDC<br>DVIVAEVRST SHKPDEIYGM IERLSPGTRK IELFGRPHNV QPNWITLGNQ<br>LDGIHLLDPD VVARFKQRYYP DGIISKPKNL |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | METTL3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Names</b>     | Recommended name: N6-adenosine-methyltransferase 70 kDa subunit Short name= MT-A70 EC= 2.1.1.62Alternative name(s): Methyltransferase-like protein 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expression Region</b> | 2-580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reconstitution</b>    | 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.