



# Recombinant Human Lysine-specific demethylase 4D (KDM4D)

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| <b>Product Code</b>      | CSB-YP718355HU   |
| <b>Abbreviation</b>      | KDM4D  |
| <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>       | Q6B0I6   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | METMKSKANC AQNPNCNIMI FHPTKEEFND FDKYIAYMES QGAHRAGLAK<br>IIPPKWKAR ETYDNISEIL IATPLQQVAS GRAGVFTQYH KKKKAMTVGE<br>YRHLANSKKY QTPPHQNFED LERKYWKNRI YNSPIYGADI SGSLFDENTK<br>QWNLGHLGTI QDLLEKECGV VIEGVNTPYL YFGMWKTTFA WHTEDMDLYS<br>INYLHLGEPK TWYVVPPEHG QRLELRLAREL FPGSSRGCGA FLRHKVALIS<br>PTVLKENGIP FNRITQEAGE FMVTFPYGYH AGFNHGFNCA EAINFATPRW<br>IDYGKMASQC SCGEARVTF SMDAFVRILQP ERYDLWKRGGQ DRAVVDHMEP<br>RVPASQELST QKEVQLPRRA ALGLRQLPSH WARHSPWPMA<br>ARSGTRCHTL VCSSLPRRSA VSGTATQPRA AAVHSSKKPS STPSSTPGPS<br>AQIIHPSNGR RGRGRPPQKL RAQELTLQTP AKRPLLAGTT CTASGPEPEP<br>LPEDGALMDK PVPLSPGLQH PVKASGCSWA PVP |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | KDM4D  |
| <b>Protein Names</b>     | Recommended name: Lysine-specific demethylase 4D EC= 1.14.11.-<br>Alternative name(s): JmjC domain-containing histone demethylation protein 3D<br>Jumonji domain-containing protein 2D   |
| <b>Expression Region</b> | 1-523  |
| <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 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.  |



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