



# Recombinant Danio rerio Lysine-specific demethylase 8 (jmjd5)

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| <b>Product Code</b>      | CSB-EP011953DIL-B  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | A8E534   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Danio rerio (Zebrafish) (Brachydanio rerio)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MASVWTDIRA VLPSTVSEFP LDFSEKIDLS VLKCLELSRD QLYSEADCPV<br>SAERAQIIID YSWEKLNIGT WRDVDKEWRR VYSYGCLFKV LSLCHGNPPQ<br>NIIQEAVRTC DMSLLMGAAI MDNILQRLVG ILRNKIKTTC PNKAERSEEP<br>FSKKRKHDK SEPVLNPTKE VPRIHCPSLE RFRSDFLDPK KPVIIEGID<br>LWPAFTQHPW SIDYLRTVAG CRTVPIEVGS KYTDEEWSQK LITVNDFIDR<br>YITGTEEDGV GYLAQHQLFD QVPELKEDIR IPDYCCLGEG DEDDITINAW<br>FGPGGTVSPL HQDPQQNFLA QVVGRKYIRL YSPEDTKSLY PHESQLLHNT<br>SQVEVENPDL VKFPDFSRAS YEECVLCPGD VLFIPLQHWY YVRSLELSFS<br>VSFWWS |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | kdm8   |
| <b>Protein Names</b>     | Recommended name: Lysine-specific demethylase 8 EC= 1.14.11.27<br>Alternative name(s): JmjC domain-containing protein 5 Jumonji domain-containing protein 5  |
| <b>Expression Region</b> | 1-406  |
| <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.  |
| <b>Shelf Life</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.   |