



# Recombinant Human Histone deacetylase 8 (HDAC8)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP010244HU  |
| <b>Abbreviation</b>      | HDAC8   |
| <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>       | Q9BY41  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MEEPEEPADS GQSLVPVYIY SPEYVSMCDS LAKIPKRASM VHSLIEAYAL<br>HKQMRIVKPK VASMEEMATF HTDAYLQHLQ KVSQEGDDDH PDSIEYGLGY<br>DCPATEGIFD YAAAIGGATI TAAQCLIDGM CKVAINWSSG WHHAKKDEAS<br>GFCYLNDAVL GILRLRRKFE RILYVDLDLH HGDGVEDAFS FTSKVMTVSL<br>HKFSPGFFPG TGDVSDVGLG KGRYYSVNVP IQDGIQDEKY YQICESVLKE<br>VYQAFNPKAV VLQLGADTIA GDPMCSFNMT PVGIGKCLKY ILQWQLATLI<br>LGGGGYNLAN TARCWTYLTG VILGKTLSS EIPDHEFFTAY GPDYVLEITP<br>SCRPDRNEPH RIQQILNYIK GNLKHVV   |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | HDAC8   |
| <b>Protein Names</b>     | Recommended name: Histone deacetylase 8 Short name= HD8 EC= 3.5.1.98  |
| <b>Expression Region</b> | 1-377   |
| <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>Target Details</b>    | Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. This protein belongs to class I of the histone deacetylase family. It catalyzes the deacetylation of lysine residues in the histone N-terminal tails and represses transcription in large multiprotein complexes with transcriptional co-repressors. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <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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