
Product Data Sheet

Product Name: HDAC8 Mouse
 Cat. No.: GP21781
 Batch No.: 1

Product Data

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|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Sf9, Baculovirus cells. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Histone deacetylase 8; HD8; Hdac8. | | |
| Amino Acid Sequence | MEMPEEPANS GHSLPPVYIY SPEYVSICDS LVKVPKRASM VHSLIEAYAL HKQMRIVKPK VASMEEMATF HTDAYLQHLQ KVSQEGDEDH PDSIEYGLGY DCPATEGIFD YAAAIGGGTI TAAQCLIDGK CKVAINWSSG WHHAKKDEAS GFCYLNDAVL GILRLRRKFD RILYVDLDLH HGDGVEDAFS FTSKVMTVSL HKFSPGFFPG TGDMSDVGLG KGRYYSVNVP IQDGIQDEKY YHICESVLKE VYQAFNPKAV VLQLGADTIA GDPMCSFNMT PVGIGKCLKY VLQWQLATLI LGGGGYNLAN TARCWTYLTG VILGKTLSE IPDHEFFTAY GPDYVLEITP SCRPRNEPH RIQQILNYIK GNLKHVVHHH HHH. | | |
| Formulation | HDAC8 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. | | |

Introduction

Histone deacetylase 8 (HDAC8) is a member of the class 1 of the histone deacetylase/acuc/apha family. HDAC8 is biologically involved in skull morphogenesis and metabolic control of the ERR- α /PGC1- α transcriptional complex. Histones play a key role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation modifies chromosome structure and affects transcription factor access to DNA.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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HDAC8 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 383 amino acids (1-377 a.a.) and having a molecular mass of 42.5kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).HDAC8 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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