

# HDAC2 Human

*Histone Deacetylase 2 Human Recombinant*  
ENZ0647

## Product Overview

Name HDAC2 Human

### Description

Histone Deacetylase 2 Human Recombinant

Accession (Primary) [Q92769](#)

### Synonyms

Histone deacetylase 8, HD8, HDAC8, HDACL1, CDA07, RPD3.

### 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-alpha/PGC1-alpha 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.

### Source

Sf9, Baculovirus cells.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

The HDAC8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

### 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.

### Purity

Greater than 80% as determined by SDS-PAGE.

### Amino acid sequence

MEEPEEPADS GQSLVPVYIY SPEYVSMCDS LAKIPKRASM VHSLIEAYAL HKQMRIVKPK VASMEEMATF  
HTDAYLQHLQ KVSQEGDDDH PDSIEYGLGY DCPATEGIFD YAAAIGGATI TAAQCLIDGM CKVAINWSSG  
WHHAKKDEAS GFCYLNDAVL GILRLRRKFE RILYVDLDLH HGDGVEDAFS FTSKVMTVSL HKFSPGFFPG  
TGDVSDVGLG KGRYYSVNVP IQDGIQDEKY YQICESVLKE VYQAFNPKAV VLQLGADTIA GDPMCSFNMT  
PVGIGKCLKY ILQWQLATLI LGGGGYNLAN TARCWTYLTG VILGKTLSS EIPDHEFFTAY GPDYVLEITP

SCRPDRNEPH RIQQILNYIK GNLKHVV HHH HHH .

#### **Precautions**

HDAC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [Q92769](#) )**