

HDAC8, 1-377aa, Human, His tag, sf9

Cat.NO.: TP02421

3th Edition

Synonyms:Histone deacetylase 8, CDA07, HD8, HDACL1, RPD3.

Description:HDAC8, also known as histone deacetylase 8, belongs to class 1 of the histone deacetylase/acuc/apha family. This protein is biologically involved in skull morphogenesis and metabolic control of the ERR-alpha/PGC1-alpha transcriptional complex. 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:42.6 kDa (383aa)

Sequences:

MEEPEEPADSGQSLVPVYIYSPEYVSMCDLAKIPKRASMVHSLIEAYALHKQMRIVKPKVASMEEMATFHTDAYLQ
HLQKVSQEGDDDDHPDSIEYGLGYDCPATEGIFDYAAAIGGATITAAQCLIDGMCKVAINWGGWHHAKKDEASGFC
YLNDAVLGILRLRRKFERILYVDLDLHHGDGVEDAFSFTSKVMTVSLHKFSPGFFPGTGDVSDVGLGKGRYYSVNV
PIQDGIQDEKYYQICESVLKEVYQAFNPKAVVLQLGADTIAGDPMCSFNMTVPVGIGKCLKYILQWQLATLILGGGGY
NLANTARCWYTLTGVLGKTLSSSEIPDHEFFTAYGPDYVLEITPSCRPDNRNEPHRIQQILNYIKGNLKHVVHHHHHH

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.