

AR39094PU-N**Human HDAC2 (1-488, His-tag) - Purified****Alternate names:**

HD2, Histone deacetylase 2

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

HDAC2 belongs to the histone deacetylase family that act via the formation of large multiprotein complexes and are responsible for the deacetylation of lysine residues on the N-terminal region of the core histones. It forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. It also plays an important role in transcriptional regulation, cell cycle progression and developmental events.

Uniprot ID:[Q92769](#)**NCBI:**[NP_001518](#)**GeneID:**[3066](#)**Species:**

Human

Source:

High-5 Insect cells

Format:**State:** Liquid purified protein**Purity:** >85%**Buffer System:** 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF**Description:**

Recombinant human HDAC2 protein was expressed with c-terminal His-tag in high-5 cells using baculovirus expression system and purified by using conventional chromatography techniques.

AA Sequence:

```
MAYSQGGGKK KVCYYYDGDI GNYYYQGHP MKPHRIRMTH NLLLNYGLYR KMEIYRPHKA  
TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVGED CPVFDGLFEF CQLSTGGGVA  
GAVKLNRRQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHH  
GDGVVEEAFYT TDRVMTVSFH KYGEYFPGTG DLRDIGAGKG KYYAVNFPMR DGIDDESYGQ  
IFKPIISKVM EMYQPSAVVL QCGADSLSGD RLGCFNLTVK GHAKCVEVVK TFNPLLLMLG  
GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYM  
EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDGE DPKKRISIRA SDKRIACDEE  
FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKT D VKEEDKSKDN SGEKTDTKGT  
KSEQLSNPSR HHHHHH
```

Molecular weight: 56.4 kDa (496aa)**Storage:**

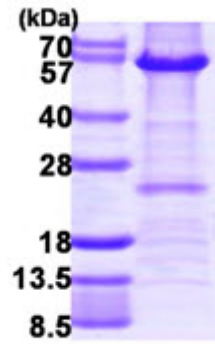
Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

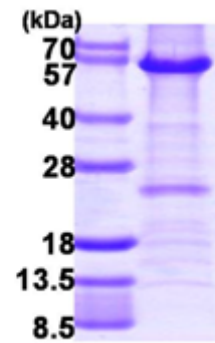
Shelf life: one year from despatch.

Pictures:

Recombinant human HDAC2, 1-488 aa,
His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)