

## Product datasheet for **AR39094PU-L**

### HDAC2 (1-488, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HDAC2 (1-488, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	Hi-5 insect
Expression cDNA Clone or AA Sequence:	MAYSQGGGKK KVCYYDGD I GNYYYGQGHP MKPHRIRMTH NLLLNYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVED CPVFDGLFEF CQLSTGGGSA GAVKLNRRQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHH GDGVEEAFYT TDRVMTVSFH KYGEYFPGTG DLRDIGAGKG KYAVNFPMR DGIDDESYGQ IFKPIISKVM EMYQPSAWL QCGADSLSGD RLGCFLNLTVK GHAKCVEVVK TFNLPLMLG GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYM EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDGE DPKKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKT D VKEEDKSKDN SGEKTDTKGT KSEQLSNPSR HHHHHH
Tag:	His-tag
Predicted MW:	56.4 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein 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.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001518</a>



[View online »](#)

Locus ID:	3066
UniProt ID:	<a href="#">Q92769</a>
Cytogenetics:	6q21
Synonyms:	HD2; KDAC2; RPD3; YAF1
Summary:	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010]
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Protein Pathways:	Cell cycle, Chronic myeloid leukemia, Huntington's disease, Notch signaling pathway, Pathways in cancer

**Product images:**