

Recombinant Human HDAC2 Protein, His-tagged

Cat. No. HDAC2-4642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HDAC2 (NP_001518, 1 a.a. - 488 a.a.) full-length recombinant protein with His tag expressed in Hi-5 cells.
Species	Human
Source	Insect Cells
Description	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 on the N-terminal region of the core histones (H2A, H2B, H3 and H4). This protein also 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. [provided by RefSeq]
Form	Liquid
Molecular Mass	56.4 kDa
AA Sequence	MAYSQGGGKKKVCYYYDGDIGNYYYGQGHMPKPHRIRMTHNLLLNYGLYRKMEIY RPHKATAEEMTKYHSDEYIKFLRSIRPDNMSEYSKQMQRFNVGEDCPVFDGLFEFC QLSTGGSVAGAVKLNRRQQTDMAVNWAGGLHHAKKSEASGFCYVNDIVLAILELLKY HQRVLYIDIDIHHGDGVVEAFYTTDRVMTVSFHKYGEYFPGTGDLRDIGAGKGKYA VNFPMRDGIDDESYGQIFKPIISKVMEMYQPSAVVLQCGADSLSGDRLGCFNLTVKG HAKCVEVVKTFNLPLLMLGGGGYTIRNVARCWYETAVALDCEIPNELPYNDYFEYF

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GPDFKLHISPSNMTNQNTPEYMEKIKQRLFENLRMLPHAPGVQMQAIPEDAVHEDS
 GDEDGEDPDKRISIRASDKRIACDEEFSDSEDEGEGERNRVADHKKGAKKARIEED
 KKETEDKKTDVKEEDKSKDNSGEKTDTKGKSEQLSNPSRHHHHHH

Purity > 85% by SDS-PAGE

Applications SDS-PAGE

Storage Store at 4 centigrade for 1-2 weeks. For long term storage store at -2 centigrade or -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Concentration 0.25 mg/mL

Storage Buffer In 20 mM Tris-HCl, 100 mM NaCl, 0.1 mM PMSF, pH 8.0 (20% glycerol, 1 mM dithiothreitol)

GENE INFORMATION

Gene Name HDAC2 histone deacetylase 2 [Homo sapiens]

Official Symbol HDAC2

Synonyms HDAC2; histone deacetylase 2; RPD3; YAF1; YY1-associated factor 1; transcriptional regulator homolog RPD3; HD2;

Gene ID 3066

mRNA Refseq NM_001527

Protein Refseq NP_001518

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MIM	605164
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UniProt ID	Q92769
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