Full-Length

HDAC2 (Human) Recombinant Protein

Catalog # P3732 Size 50 ug

Specification

Product Description	Human HDAC2 (NP_001518, 1 a.a. - 488 a.a.) full-length recombinant protein with His tag expresse d in Hi-5 cells.
Sequence	MAYSQGGGKKKVCYYYDGDIGNYYYGQGHPMKPHRIRMTHNLLLNYGLYRKMEIYRPHKATAEEMT KYHSDEYIKFLRSIRPDNMSEYSKQMQRFNVGEDCPVFDGLFEFCQLSTGGSVAGAVKLNRQQT DMAVNWAGGLHHAKKSEASGFCYVNDIVLAILELLKYHQRVLYIDIDIHHGDGVEEAFYTTDRVMTV SFHKYGEYFPGTGDLRDIGAGKGKYYAVNFPMRDGIDDESYGQIFKPIISKVMEMYQPSAVVLQCG ADSLSGDRLGCFNLTVKGHAKCVEVVKTFNLPLLMLGGGGYTIRNVARCWTYETAVALDCEIPNE LPYNDYFEYFGPDFKLHISPSNMTNQNTPEYMEKIKQRLFENLRMLPHAPGVQMQAIPEDAVHED SGDEDGEDPDKRISIRASDKRIACDEEFSDSEDEGEGGRRNVADHKKGAKKARIEEDKKETEDK KTDVKEEDKSKDNSGEKTDTKGTKSEQLSNPSRHHHHHH
Host	insect
Theoretical MW (kDa)	56.4
Form	Liquid
Preparation Method	Insect cell (Hi-5) expression system
Purification	Conventional Chromatography
Concentration	0.25 mg/mL
Purity	> 85% by SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 100 mM NaCl, pH 8.0 (20% glycerol, 1 mM DTT, 0.1 mM PMSF).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — HDAC2

Entrez GeneID	3066
Protein Accession#	NP_001518
Gene Name	HDAC2
Gene Alias	RPD3, YAF1
Gene Description	histone deacetylase 2
Omim ID	605164
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the histone deacetylase family. Histone deacetylases act via the for mation of large multiprotein complexes and are responsible for the deacetylation of lysine residue s on the N-terminal region of the core histones (H2A, H2B, H3 and H4). This protein also forms tra nscriptional repressor complexes by associating with many different proteins, including YY1, a ma mmalian zinc-finger transcription factor. Thus it plays an important role in transcriptional regulation , cell cycle progression and developmental events. [provided by RefSeq
Other Designations	OTTHUMP00000040427|YY1-associated factor 1|transcriptional regulator homolog RPD3

Pathway

- Cell cycle
- Chronic myeloid leukemia
- Notch signaling pathway
- Pathways in cancer

Disease

- ACTH-Secreting Pituitary Adenoma
- Adenoma
- Asthma
- Breast cancer
- Breast Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.