

HDAC2, 1-488aa, Human, His tag, Hi-5 cell

Cat.NO.: TP02420

3th Edition

Synonyms: Histone deacetylase 2, HD2, RPD3, YAF1

Description: 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.

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

Molecular Weight: 56.4 kDa (496aa)

Sequences:

MAYSQGGGKKKVCYYYDGDIGNYYYGQGHPMKPHRIRMTHNLLLNYGLYRKMEIYRPHKATAEEMTKYHSDEYIK
FLRSIRPDNMSEYSKQMQRFNVGEDCPVFDGLFEFCQLSTGGSVAGAVKLNRRQQTDMAVNWAGGLHHAKKSEAS
GFCYVNDIVLAILELLKYHQRVLYIDIDIHHGDGVVEAFYTTDRVMTVSFHKYGEYFPGTGDRLRDIGAGKGKYYAVNF
PMRDGIDDESYGQIFKPIISKVMEMYQPSAVVLQCGADSLSGDRLGCFNLTVKGHAKCVEVVKTFNLPLLMLGGGG
YTIRNVARCWYETAVALDCEIPNELPYNDYFEYFGPDFKLHISPSNMTNQNTPEYMEKIKQRLFENLRMLPHAPGV
QMQAIPEDAVHEDSGDEDGEDPDKRISIRASDKRIACDEEFSDSEDEGEGRNRVADHKKGAKKARIEEDKKETED
KKTDVKEEDKSKDNSGEKTDTKGTKSEQLSNPSRHHHHHH

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.