

Histone Deacetylase 2 Recombinant Protein | HDAC2 recombinant protein

Recombinant Human Histone Deacetylase 2

CATALOG #
AAA38919

PRODUCT SYNONYMS

Histone Deacetylase 2; Recombinant Human Histone Deacetylase 2; HDAC2 Human; Histone Deacetylase 2 Human Recombinant; Histone deacetylase 2; YAF1; HD2; YY1-associated factor 1; transcriptional regulator homolog RPD3; RPD3; EC 3.5.1.98; HDAC2 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	The HDAC2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl, 0.1mM PMSF and 20% glycerol. Sterile Filtered colorless solution.
Sequence	MAYSQGGGKK KVCYYDGD I GNYYGQGH P MKPHRIRMTH NLLNLYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVED CPVFDGLFEF CQLSTGGSVA GAVKLNRRQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHH GDGVVEAFYT TDRVMTVSFH KYGEYFPGTG DLRDIGAGKG KYYAVNFPMR DGIDDESYGQ IFKPIISKVM EMYQPSAVVL QCGADSLSGD RLGCNLTVK GHAKCDEVVK TFNLPLMLG GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYM EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDEGE DPKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKT D VKEEDKSKDN SGEKTDTKGT KSEQLSNP SRHHHHHH< /u>
Sequence Length	488
Physical Appearance	Sterile Filtered colorless solution.
Source	Hi-5 Cell
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HDAC2 recombinant protein	Description: HDAC2 Human Recombinant produced in Hi-5 Cell is a single, non-glycosylated polypeptide chain containing 496 amino acids (1-488) and having a molecular mass of 56.4 kDa. The HDAC2 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques. Introduction: HDAC2 is a member of the histone deacetylase family that performs through the construction of large multiprotein complexes and are in charge of the deacetylation of lysine residues on the N-terminal region of the core histones. HDAC2 forms transcriptional repressor complexes by relating to a diversity of proteins, like YY1- a mammalian zinc-finger transcription factor. In addition, HDAC2 has a vital part in transcriptional regulation, cell cycle progression and developmental procedures.
Product Categories/Family for HDAC2 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	293336691
NCBI GeneID	3066

NCBI Accession #	NP_001518.3
NCBI GenBank Nucleotide #	NM_001527.3
UniProt Accession #	Q92769 ; Q5SRI8 ; Q5SZ86 ; Q8NEH4 ; B3KRS5 ; B4DL58 ; E1P561
NCBI Official Full Name	histone deacetylase 2
NCBI Official Synonym Full Names	histone deacetylase 2
NCBI Official Symbol	HDAC2
NCBI Official Synonym Symbols	HD2; RPD3; YAF1
NCBI Protein Information	histone deacetylase 2; YY1-associated factor 1; transcriptional regulator homolog RPD3
UniProt Protein Name	Histone deacetylase 2
UniProt Gene Name	HDAC2
UniProt Synonym Gene Names	HD2
UniProt Entry Name	HDAC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hdac2-recombinant-protein/38919>