Histone Deacetylase 2 Human Recombinant

Item Number	rAP-1158

Synonyms	Histone deacetylase 2, YAF1, HD2, YY1-associated factor 1, transcriptional regulator homolog RPD3, RPD3, EC 3.5.1.98.

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.

Uniprot Accesion Number	Q92769

Amino Acid Sequence	MAYSQGGGKK KVCYYYDGDI GNYYYGQGHP MKPHRIRMTH NLLLNYGLYR KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVGED CPVFDGLFEF CQLSTGGSVA GAVKLNRQQT DMAVNWAGGL HHAKKSEASG FCYVNDIVLA ILELLKYHQR VLYIDIDIHHGDGVEEAFYT TDRVMTVSFH KYGEYFPGTG DLRDIGAGKG KYYAVNFPMR DGIDDESYGQ IFKPIISKVM EMYQPSAVVL QCGADSLSGD RLGCFNLTVK GHAKCVEVVK TFNLPLLMLG GGGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN MTNQNTPEYMEKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDGE DPDKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED KKETEDKKTD VKEEDKSKDN SGEKTDTKGT KSEQLSNPSR HHHHHH

Source	Hi-5 Cell.

Physical Appearance and Stability	Sterile Filtered colorless solution. 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.

Formulation and Purity	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. Greater than 85% as determined by SDS-PAGE.

Application	

Solubility	

Biological Activity	

Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only