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Product datasheet for TP509176

Hdac9 (NM_024124) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse histone deacetylase 9 (Hdac9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209176 protein sequence Red=Cloning site Green=Tags(s) MHSMISSVDVKSEVPMGLEPISPLDLRTDLRMMMPVVDPVVREKQLQQELLLIQQQQQIQKQLLIAEFQK QHENLTRQHQAQLQEHIKELLAIKQQQELLEKEQKLEQQRQEQEVERHRREQQLPPLRGKDRGRERAVAS TEVKQKLQEFLLSKSATKDTPTNGKNHSVGRHPKLWYTAAHHTSLDQSSPPLSGTSPSYKYTLPGAQDSK DDFPLRKTASEPNLKVRSRLKQKVAERRSSPLLRRKDGNLVTSFKKRVFEVAESSVSSSSPGSGPSSPNN GPAGNVTENEASALPPTPHPEQLVPQQRILIHEDSMNLLSLYTSPSLPNITLGLPAVPSPLNASNSLKDK QKCETQMLRQGVPLPSQYGSSIAASSSHVHVAMEGKPTSSHQALLQHLLLKEQMRQQKLLVAGGVPLHPQ SPLATKERISPGIRGTHKLPRHRPLNRTQSAPLPQSTLAQLVIQQQHQQFLEKQKQYQQQIHMNKLLSKS IEQLKQPGSHLEEAEEELQGDQSMEDRAASKDNSARSDSSACVEDTLGQVGAVKVKEEPVDSDEDAQIQE MECGEQAAFMQQVIGKDLAPGFVIKVII TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	65.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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RefSeq:	NP_077038
Locus ID:	79221
UniProt ID:	Q99N13, A0A0R4J1F3
RefSeq Size:	4461
Cytogenetics:	12 A3
RefSeq ORF:	1767
Synonyms:	AV022454; D030072B18Rik; HD7B; HD9; Hdac7b; HDRP; Mitr; mKIAA0744
Summary:	Devoided of intrinsic deacetylase activity, promotes the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4) by recruiting HDAC1 and HDAC3. Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Represses MEF2-dependent transcription, inhibits skeletal myogenesis and may be involved in heart development. Protects neurons from apoptosis, both by inhibiting JUN phosphorylation by MAPK10 and by repressing JUN transcription via HDAC1 recruitment to JUN promoter. [UniProtKB/Swiss-Prot Function]