OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP509891

Hdac10 (NM_199198) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse histone deacetylase 10 (Hdac10), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209891 protein sequence Red=Cloning site Green=Tags(s) MGTALVYHEDMTATRLLWDDPECEIECPERLTAALDGLRQRGLEERCLCLSACEASEEELGLVHSPEYIA LVQKTQTLDKEELHALSKQYDAVYFHPDTFHCARLAAGAALQLVDAVLTGAVHNGLALVRPPGHHSQRAA ANGFCVFNNVALAAKHAKQKYGLQRILIVDWDVHHGQGIQYIFNDDPSVLYFSWHRYEHGSFWPFLPESD ADAVGQGQGQGFTVNLPWNQVGMGNADYLAAFLHVLLPLAFEFDPELVLVSAGFDSAIGDPEGQMQATPE CFAHLTQLLQVLAGGRICAVLEGGYHLESLAQSVCMMVQTLLGDPTPPLLGLMVPCQSALESIQSVQTAQ TPYWTSLQQNVAPVLSSSTHSPEERSLRLLGESPTCAVAEDSLSPLLDQLCLRPAPPICTAVASTVPGAA LCLPPGVLHQEGSVLREETEAWARLHKSRFQDEDLATLGKILCLLDGIMDGQIRNAIATTTALATAATLD VLIQRCLARRAQRVLCVALGQLDRPLDLADDGRILWLNIRGKDAAIQSMFHFSTPLPQTTGGFLSLILGL VLPLAYGFQPDMVLMALGPAHGLQNAQAALLAAMLRSPVGGRILAVVEEESIRLLARSLAQALHGETPPS LGPFSKATPEEIQALMFLKARLEARWKLLQVAAPPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	72.1 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_954668
Locus ID:	170787
UniProt ID:	Q6P3E7
RefSeq Size:	2424
Cytogenetics:	15 E3
RefSeq ORF:	2001
Synonyms:	AW548891; Hd10
Summary:	Polyamine deacetylase (PDAC), which acts preferentially on N(8)-acetylspermidine, and also on acetylcadaverine and acetylputrescine. Exhibits attenuated catalytic activity toward N(1),N(8)-diacetylspermidine and very low activity, if any, toward N(1)-acetylspermidine. Histone deacetylase activity has been observed in vitro. Has also been shown to be involved in MSH2 deacetylation. The physiological relevance of protein/histone deacetylase activity is unclear and could be very weak. May play a role in the promotion of late stages of autophagy, possibly autophagosome-lysosome fusion and/or lysosomal exocytosis in neuroblastoma cells. May play a role in homologous recombination. May promote DNA mismatch repair.[UniProtKB/Swiss-Prot Function]