

Product datasheet for PH318536

HDAC10 (NM_032019) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HDAC10 MS Standard C13 and N15-labeled recombinant protein (NP_114408)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218536
Predicted MW:	71.3 kDa
Protein Sequence:	>RC218536 representing NM_032019 Red=Cloning site Green=Tags(s)

MGTALVYHEDMTATRLLDWDDPECEIERPERLTAALDRLRQRGLEQRCLRLSAREASEEELGLVHSPEYVS
LVRETQVLGKEELQALSGQFDIYFHPSTFHCARLAAGAGLQLVDAVLTGAVQNGLALVRPPGHGQRAA
ANGFCVFNVAIAAAHAKQKHGLHRILVVDWDVHHGQGIQYLFEDDPSVLYFSWHRYEHGRFWPFLRES
ADAVGRGQGLGFTVNLPNVQVGMGNADYVAAFLHLLPLAFEFDPPELVLSAGFDSAIGDPEGQMATPE
CFAHLTQLLQVLAGGRVCAVLEGGYHLESLSAESCMTVQTLGDPAPPLSGMAPCQSALESIQSARAAQ
APHWKSLLQQDVTAVPMSSSHSPGRPPPLPGGPVCKAAASAPSSLLDQPCLCPAPSVRTAVALTTPD
ITLVLPDVIQQEASALRETEAWARPHESLAREEAL TALGKLLYLLDGMLDGQVNSGIAATPASAAAAT
LDVAVRRGLSHGAQRLLCVALGQLDRPPDLAHDGRSLWLNIRGKEAAAALSMFHVSTPLPVMTGGFLSCIL
GLVPLAYYGFQPDLLVALGPGHGLQGPHAALLAAMLRLAGGRVLLALLEENSTPQLAGILARVLNGEAP
PSLGPSSVASPEDVQALMYLRGQLEPQWKMLQCHPHLVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_114408
RefSeq Size:	2702



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RefSeq ORF: 2007

Synonyms: HD10

Locus ID: 83933

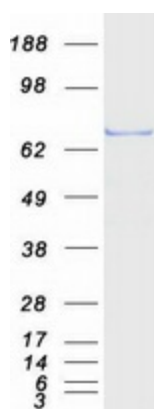
UniProt ID: [Q969S8](#)

Cytogenetics: 22q13.33

Summary: The protein encoded by this gene belongs to the histone deacetylase family, members of which deacetylate lysine residues on the N-terminal part of the core histones. Histone deacetylation modulates chromatin structure, and plays an important role in transcriptional regulation, cell cycle progression, and developmental events. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HDAC10 protein (Cat# [TP318536]). The protein was produced from HEK293T cells transfected with HDAC10 cDNA clone (Cat# [RC218536]) using MegaTran 2.0 (Cat# [TT210002]).