

Recombinant Human HDAC10 Protein, GST-tagged

Cat. No. HDAC10-4640H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HDAC10 full-length ORF (NP_114408.3, 1 a.a. - 669 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Acetylation of histone core particles modulates chromatin structure and gene expression. The opposing enzymatic activities of histone acetyltransferases and histone deacetylases, such as HDAC10, determine the acetylation status of histone tails (Kao et al., 2002 [PubMed 11677242]).[supplied by OMIM
Molecular Mass	97.8 kDa
AA Sequence	MGTALVYHEDMTATRLLWDDPECEIERPERLTAALDRLRQRGLEQRCLRLSAREAS EEELGLVHSPEYVSLVRETQVLGKEELQALSGQFDAIYFHPSTFH CARLAAGAGLQL VDAVLTGAVQNGLALVRPPGHHGQRAAANGFCVFNNVAIAAAHAKQKHGLHRILVV DWDVHHGQGIQYLFEDDPSVLYFSWHRYEHGRFWPFLRES DADAVGRGQGLGFT VNL PWNQVGMGNADYVAAFLHLLLPLAFEFDP ELVLVSAGFDSAIGDPEGQM QATP ECFAHLTQLLQVLAGGRVCAVLEGGYHLES LAESVCMTVQTLLGDPAPPLSGPMAP CQSALESIQSARAAQAPHWKS LQQQDVTA VPMSPSSH SPEGRPPPLLPGGPVCKA AASAPSSLLDQPCLCPAPSVRTAVALTTPDITLVLPPDVIQQEASALREETEAWARPH ESLAREEALTALGKLLYLLDGM LDGQVNSGIAATPASAAAATLDVAVRRGLSHGAQR LLCVALGQLDRPPDLAHDGRSLWLNIRGKEAAALSMFHVSTPLPVM TGGFLSCILGL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VLPLAYGFQPDVLVVALGPGHGLQGPHAALLAAMLRLAGGRVLALLEENSTPQLA
GILARVLNGEAPPSLGPSSVASPEDVQALMYLRGQLEPQWKMLQCHPHLVA

Applications
Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes
Best use within three months from the date of receipt of this protein.

Storage
Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
HDAC10 histone deacetylase 10 [Homo sapiens]

Official Symbol
HDAC10

Synonyms
HDAC10; histone deacetylase 10; DKFZP761B039; HD10; MGC149722;
DKFZp761B039;

Gene ID
83933

mRNA Refseq
NM_001159286

Protein Refseq
NP_001152758

MIM
608544

 Tel: 1-631-559-9269 1-516-512-3133

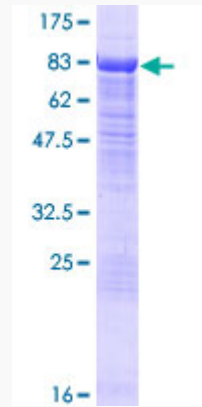
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q969S8

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA