

Product datasheet for TP313214

HDAC7A (NM_016596) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human histone deacetylase 7A (HDAC7A), transcript variant 2, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC213214 representing NM_016596
Red=Cloning site Green=Tags(s)

MDLRVGQRPPVEPPPEPTLLALQRPQRLHHHLFLAGLQQQRSVEPMRLSMDTPMPELQVGPQEQLRQLL
 HKDKSKRSVAVASSVVKQKLAEVILKKQQAALERTVHPNSPGIPYRTLEPLETEGATRSMLSSFLPPVPSL
 PSDPPEHFPLRKTVSEPNLKLRYKPKKSLERRKNPLLRKESAPPSLRRRPAETLGDSSPSSSSTPASGCS
 SPNDSEHGPNPILGSDRRTHPTLGPGRGPIGSPHTPLFLPHGLEPEAGGTLP SRLQPILLDPSGSHAP
 LLTVPGLGPLPFHFAQSLMTTERLSGSLHWPLSRTRSEPLPPSATAPPPPGMPQRLEQLKTHVQVIKR
 SAKPSEKPLRQIPSAEDLETDGGGPGQVDDGLEHRELGHGQPEARGPAPLQHPQVLLWEQQRLAGRL
 PRGSTGDTVLLPLAQGGHRPLSRAQSSPAAPASLSAPEPASQARVLSSETPARTLPFTTGLIYDSVMLK
 HQCSCGDNSRHPEHAGRIQSIWSRLQERGLRSQCECLRGRKASLEELQSVHSEHVVLYGTNPLSRLKLD
 NGKLAGLLAQRMFVMLPCGGVGVDTDTIWNELHSSNAARWAAGSVTDLAFKVASRELKNGFAVVRPPGHH
 ADHSTAMGFCFFNSVAIACRQLQQQSKASKILVDWDVHHGNGTQQTFYQDPSVLYISLHRHDDGNFFPG
 SGAVDEVGAGSGEGFNVAWAGGLDPPMGDPEYLAAFRIVVMPIAREFSPDLVLSAGFDAAEGHPAPL
 GGYHVSAKCFGYMTQQLMNLGAGAVLALEGGHDLTAICDASEACVAALLGNRVDPLSEEGWKQKPNLNA
 IRSLEAVIRVHSHKYWGCMQRLASCPDSWVPRVPGADKEEVEAVTALASLSVGLAEDRPSEQLVEEEPEM
 NL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

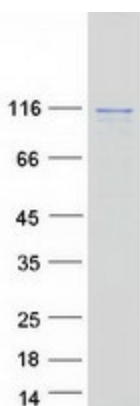
Tag: C-Myc/DDK
Predicted MW: 99.5
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057680
Locus ID:	51564
UniProt ID:	Q8WUI4
RefSeq Size:	4086
Cytogenetics:	12q13.11
RefSeq ORF:	2736
Synonyms:	HD7; HD7A; HDAC7A
Summary:	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HDAC7A protein (Cat# TP313214). The protein was produced from HEK293T cells transfected with HDAC7A cDNA clone (Cat# [RC213214]) using MegaTran 2.0 (Cat# [TT210002]).