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## Datasheet for ABIN7505153 HDAC1 Protein (AA 9-321) (His tag)



Overview

Quantity:	100 µg
Target:	HDAC1
Protein Characteristics:	AA 9-321
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC1 protein is labelled with His tag.

## Product Details

Sequence:	Arg 9-Asp 321
Characteristics:	A DNA sequence encoding the Human HDAC1 protein (Q13547) (Arg 9-Asp 321) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	HDAC1
Alternative Name:	HDAC1 (HDAC1 Products)
Background:	Background: Acetylation of the histone tail causes chromatin to adopt an "open" conformation, allowing increased accessibility of transcription factors to DNA. The identification of histone acetyltransferases (HATs) and their large multiprotein complexes has yielded
	Synonym: GON 10,HD1,HDAC 1,Histone deacetylase 1,RPD3L1

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Target Details	
Molecular Weight:	34.32 kDa
UniProt:	Q13547
Pathways:	Neurotrophin Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Mitotic G1-G1/S Phases, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Negative Regulation of intrinsic apoptotic Signaling, Embryonic Body Morphogenesis
Application Details	For Research Lise only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date:

12 months