

## Product datasheet for **TP300605**

### HDAC3 (NM\_003883) Human Recombinant Protein

#### Product data:

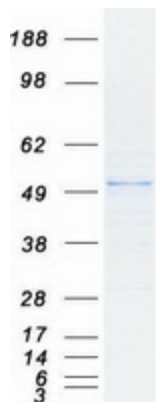
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human histone deacetylase 3 (HDAC3)
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	48.7 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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:	<a href="#">NP_003874</a>
Locus ID:	8841
RefSeq Size:	1965
Cytogenetics:	5q31.3
RefSeq ORF:	1284
Synonyms:	HD3; KDAC3; RPD3; RPD3-2
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 belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene. [provided by RefSeq, Jul 2008]



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Protein Families: Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified HDAC3 protein (Cat# TP300605). The protein was produced from HEK293T cells transfected with HDAC3 cDNA clone (Cat# [RC200605]) using MegaTran 2.0 (Cat# [TT210002]).