

## Recombinant Human HDAC7 protein, MYC/DDK-tagged

Cat. No. HDAC7-11H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HDAC7, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	106.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	HDAC7 histone deacetylase 7 [ Homo sapiens ]
<b>Official Symbol</b>	HDAC7
<b>Synonyms</b>	HDAC7; histone deacetylase 7; HDAC7A, histone deacetylase 7A; DKFZP586J0917; HD7; histone deacetylase 7A; HD7A; HDAC7A; FLJ99588; DKFZp586J0917;
<b>Gene ID</b>	51564
<b>mRNA Refseq</b>	NM_015401
<b>Protein Refseq</b>	NP_056216
<b>MIM</b>	606542
<b>UniProt ID</b>	Q8WUI4

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