

Recombinant Human HDAC3 Protein, GST-tagged

Cat. No. HDAC3-94H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human recombinant HDAC3 (Full length) (residues 1-428; Genbank Accession #NM_003883; MW = 49.7 kDa) expressed in insect cells with a C-terminal His-fusion tag complexed with human recombinant NCOR2 (residues 395-489; Genebank Accession # NM_006312; MW= 38
Species	Human
Source	Insect Cells
ProteinLength	1-428 a.a.
Form	50 mM Tris-HCl pH 7.5, 500 mM NaCl, 10% glycerol (w/v)
Molecular Mass	49.7/38.53 kDa
Purity	>95% by SDS-PAGE
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	HDAC3 histone deacetylase 3 [Homo sapiens]
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Official Symbol	HDAC3
Synonyms	HDAC3; histone deacetylase 3; HD3; RPD3; RPD3 2; SMAP45; RPD3-2;
Gene ID	8841
mRNA Refseq	NM_003883
Protein Refseq	NP_003874
MIM	605166
UniProt ID	O15379
Chromosome Location	5q31.1-q31.2
Pathway	BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Cell cycle, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Developmenta
Function	DNA binding; NAD-dependent histone deacetylase activity (H3-K14 specific); NAD-dependent histone deacetylase activity (H3-K9 specific); NAD-dependent histone deacetylase activity (H4-K16 specific); chromatin binding; enzyme binding; histone deacetylase ac

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