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HDAC-3, human recombinant protein

HDAC-3, HDAC3, HDAC 3, Histone deacetylase 3
Catalog # PBV11214r

Specification

HDAC-3, human recombinant protein - Product info

Primary Accession	O15379
Concentration	**0.5U/ µl**
Calculated MW	**51.1kDa KDa**

HDAC-3, human recombinant protein - Additional Info

Gene ID	**8841**
Gene Symbol	**HDAC3**
Other Names	
Histone deacetylase 3, HD3, RPD3-2, SMAP45	
Gene Source	**Human**
Source	**Sf9 insect cells**
Assay&Purity	**SDS-PAGE; ≥50%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Format	
Liquid	

Storage
-80°C; rh-HDAC-3 is supplied with N-term His-tag as a liquid in 25 mM Tris, pH 7.5, 100 mM NaCl, 2.7 mM KCl, 3 mM MgCl2, 10 % glycerol.

HDAC-3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HDAC-3, human recombinant protein - Images

HDAC-3, human recombinant protein - Background

Human Histone Deacetylase 3 (HDAC3) is a member of the class I Histone Deacetylases. HDACs are important enzymes for the transcriptional regulation of gene expression in eukaryotic cells. HDACs catalyze the removal of acetyl groups from lysines near the N-termini of histones. Human

HDACs have been implicated in a variety of human diseases such as cardiomyopathy, osteodystrophy, neurodegenerative disorders, aging and cancer. Like other class I and II HDAC members, the activity of HDAC3 is sensitive to HDAC inhibitor Trichostatin A (TSA).

HDAC-3, human recombinant protein - References

Dangond F.,et al.Biochem. Biophys. Res. Commun. 242:648-652(1998).
Yang W.-M.,et al.J. Biol. Chem. 272:28001-28007(1997).
Emiliani S.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:2795-2800(1998).
Mahlknecht U.,et al.Genomics 56:197-202(1999).
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