

HDAC-8, human recombinant protein
HDAC-8,HDACL1, Histone deacetylase 8
Catalog # PBV11215r**Specification**

HDAC-8, human recombinant protein - Product info

Primary Accession [O9BY41](#)
Calculated MW **44 kDa KDa**

HDAC-8, human recombinant protein - Additional Info

Gene ID **55869**
Gene Symbol **HDAC8**

Other Names

HDAC-8, HDACL1, Histone deacetylase 8

Gene Source **Human**
Source **Sf9 insect cells**
Assay&Purity **SDS-PAGE; ≥90%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Format
Liquid

Storage

-80°C; Liquid in 25 mM Tris, pH 7.5, 100 mM NaCl, 2.7 mM KCl, 3 mM MgCl₂, 10 % glycerol.

HDAC-8, 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 Cytometry](#)
- [Cell Culture](#)

HDAC-8, human recombinant protein - Images**HDAC-8, human recombinant protein - Background**

Human Histone Deacetylase 8 (HDAC8) 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. Expression of HDAC8 is restricted

to cells showing smooth muscle differentiation in normal human tissue and is a novel marker of smooth muscle differentiation. Like other class I and II HDAC members, the activity of HDAC8 is sensitive to HDAC inhibitor Trichostatin A (TSA).

HDAC-8, human recombinant protein - References

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Buggy J.J.,et al.Biochem. J. 350:199-205(2000).
Van den Wyngaert I.,et al.FEBS Lett. 478:77-83(2000).
McDonell N.,et al.Genomics 64:221-229(2000).
Bonaldi M.F.,et al.Genome Res. 6:791-806(1996).