

Datasheet for ABIN6387962  
**HDAC8 Protein (AA 1-377) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	HDAC8
Protein Characteristics:	AA 1-377
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HDAC8 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MEMPEEPANS GHSLPPVYIY SPEYVSICDS LVKVPKRASM VHSLIEAYAL HKQMRIVKPK VASMEEMATF HTDAYLQHLQ KVSQEGDEDH PDSIEYGLGY DCPATEGIFD YAAAIGGGTI TAAQCLIDGK CKVAINWSSG WHHAKKDEAS GFCYLND AVL GILRLRRKFD RILYVDLDLH HGDGVEDAFS FTSKVM TVSL HKFSPGFFPG TGDMSDVGLG KGRYYSVNVP IQDGIQDEKY YHICESVLKE VYQAFNPKAV VLQLGADTIA GDPMCSFNMT PVGIGKCLKY VLQWQLATLI LGGGGYNLAN TARCWTYLTG VILGKTLSS EIPDHEFFTAY GPDYVLEITP SCRPRDRNEPH RIQQILNYIK GNLKHVVHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

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Target:	HDAC8
Alternative Name:	Hdac8 ( <a href="#">HDAC8 Products</a> )
Background:	Hdac8, also known as histone deacetylase 8 isoform 1, is a member of the class I Histone Deacetylases. Its specific inhibition reduces gene expression and production of proinflammatory cytokines in vitro and in vivo. It expressed in the renal epithelial cells of the mouse kidney. Its activity contributes to renal protection and functional recovery and is required for renal regeneration after AKI. Recombinant mouse Hdac8, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	42.5kDa (383aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_081658</a>
UniProt:	<a href="#">Q8VH37</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

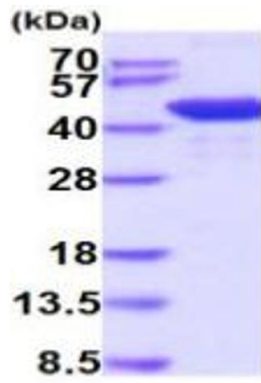
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

**SDS-PAGE**

Image 1.