

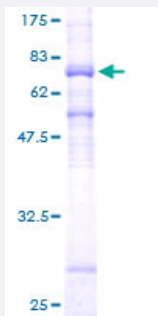
Full-Length

HDAC8 (Human) Recombinant Protein (P01)

Catalog # H00055869-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HDAC8 full-length ORF (AAH50433, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEEPEEPADSGQSLVPVYYSPEYVSMCDSPAKIPKRASMVHSLIEAYALHKQMRVKKPKVASME
EMATFHTDAYLQHLQKVSQEGDDHPDSIEYGLGYDCPATEGIFDYAAAIGGATITAAQCLIDGMC
KVAINWSGGWHHAKKDEASGFCYLNDVGLGRLRRKFERILYVDLDLHHGDGVEDAFSFTSKVM
TVSLHKFSPGFFPGTGDVSDVGLGKGRYYSVNVPIQDGIQDEKYYQICESVLKEVYQAFNPKAVVL
QLGADTIAGDPMCSFNMTVPVGIGKCLKYLQWQLATLILGGGGYNLANTARCWYLTGVILGKTLSS
EIPDHEFFTAYGPDYVLEITPSCRPDNRNEPHRIQQILNYIKGNLKHVV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.99

Interspecies Antigen Sequence

Mouse (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HDAC8

Entrez GeneID[55869](#)**GeneBank Accession#**[BC050433](#)**Protein Accession#**[AAH50433](#)**Gene Name**

HDAC8

Gene Alias

HDACL1, RPD3

Gene Description

histone deacetylase 8

Omim ID[300269](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 belongs to class I of the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. [provided by RefSeq]

Other Designations

histone deacetylase-like 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)