

Recombinant Full Length Human Histone Deacetylase 8, GST-tagged

Cat. No. HDAC8-4650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HDAC8 full-length ORF (AAH50433, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-377aa
Description	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]
Molecular Mass	66.99 kDa
AA Sequence	MEEPEEPADSGQSLVPVYIYSPEYVSMCDSPAKIPKRASMVHSLIEAYALHKQMRIV KPKVASMEEMATFHDTDAYLQHLQKVSQEGDDDDHPDSIEYGLGYDCPATEGIFDYAA AIGGATITAAQCLIDGMCKVAINWSGGWHHAKKDEASGFCYLNDAVLGILRLRRKFE RILYVDLDLHHGDGVEDAFSFTSKVMTVSLHKFSPGFFPGTGDVSDVGLGKGRYYS VNVPIQDGIQDEKYYQICESVLKEVYQAFNPKAVVLQLGADTIAGDPMCSFNMTVPVI GKCLKYILQWQLATLILGGGGYNLANTARCWTYLTGVILGKTLSSSEIPDHEFFTAYGP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DYVLEITPSCRPDNRNEPHRIQQILNYIKGNLKHVV

Applications

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

Notes

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

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

HDAC8 histone deacetylase 8 [Homo sapiens]

Official Symbol

HDAC8

Synonyms

HDAC8; histone deacetylase 8; HDACL1, histone deacetylase like 1; RPD3; histone deacetylase-like 1; HD8; CDA07; HDACL1;

Gene ID

55869

mRNA Refseq

NM_001166418

Protein Refseq

NP_001159890

MIM

300269

UniProt ID

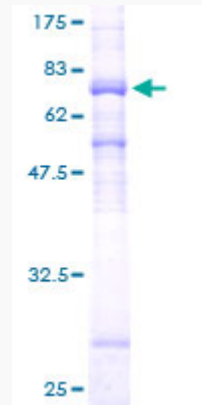
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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