

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 KPKVASMEEMATFHTDAYLQHLQKVSQEGDDHDPDSIEYGLGYDCPATEGIFDYAA AIGGATITAAQCLIDGMCKVAINWSGGWHHAKKDEASGFCYLNDVGLGILRLRRKFE RILYVDLDLHHGDGVEDAFSFTSKVMTVSLHKFSPGFFPGTGDVSDVGLGKGRYYS VNVPIQDGIQDEKYYQICESVLKEVYQAFNPKAVVLQLGADTIAGDPMCSFNMTVPVG GKCLKYILQWQLATLILGGGGYNLANTARCWTYLTGVILGKTLSSSEIPDHEFFTAYGP

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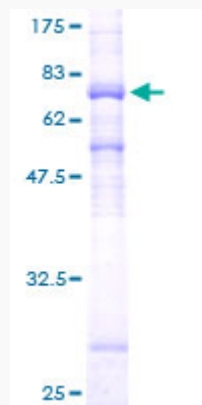
	DYVLEITPSCRPDNRNEPHRIQQILNYIKGNLKHVV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and 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	Q9BY41

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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