

Active Recombinant Human HDAC8, Met&His-tagged

Cat. No. HDAC8-335H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDAC8 (Accession # AAH50433) Met1-Val377, fused with an N-terminal Met and 7-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	1-377 a.a.
Predicted N Terminal	No results obtained: Met predicted
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to remove the acetyl group from a fluorogenic peptide substrate Ac-RGK(Ac)-AMC in a coupled assay. The specific activity is >1.5 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human HDAC8, Met&His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 48 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	Xq13

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