

Active Recombinant Human Histone Deacetylase 10, His-tagged

Cat. No. HDAC10-401H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------------|--|
| Product Overview | Full Length Human HDAC10 – Class IIb, 79kD with his tag. |
| Species | Human |
| Source | Insect Cells |
| Description | Histone deacetylase 10, also known as HDAC10, is a human gene. Acetylation of histone core particles modulates chromatin structure and gene expression. The opposing enzymatic activities of histone acetyltransferases and histone deacetylases, such as HDAC10, determine the acetylation status of histone tails. |
| Purity | Purified, active enzyme. |
| Purification Procedure | Ni ²⁺ Affinity Column |
| Activity | 1000 units per vial. 1 unit is defined as the amount of enzyme that will convert 1 picomole per minute per ug of protein at pH8 at 30°C. |
| Stability/Shelf-life | >6 months from date of shipment |
| Buffer Composition | 25mM Tris pH8, 120mM NaCl, 0.05% Tween-20 & 40% Glycerol |
| Storage | -80°C |

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Full Length Full L.

GENE INFORMATION

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|----------------------------|--|
| Gene Name | HDAC10 histone deacetylase 10 [Homo sapiens] |
| Synonyms | HDAC10; DKFZP761B039; MGC149722; histone deacetylase 10; OTTHUMP00000028555; EC 3.5.1.98; HD10. |
| Gene ID | 83933 |
| mRNA Refseq | NM_032019 |
| Protein Refseq | NP_114408 |
| MIM | 608544 |
| UniProt ID | Q969S8 |
| Chromosome Location | 22q13.31 |
| Function | histone deacetylase activity; histone deacetylase binding; hydrolase activity; specific transcriptional repressor activity; zinc ion binding |

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