

Active Recombinant Human HDAC10 Protein, His-GST-tagged

Cat. No. HDAC10-27261TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDAC10 Protein (a.a. 1-481) is produced by Baculovirus Insect Cells expression system. This protein is fused with N-terminal GST-tag and C-terminal His-tag.
Species	Human
Source	Insect Cells
ProteinLength	a.a. 1-481
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 16 mM glutathione, 20% glycerol
Bio-activity	Specific Activity: ≥4.4 pmol/min/μg. Assay Conditions: 25 mM Tris HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl ₂ , and 0.1 mg/ml BSA, 20 μM BPS HDAC substrate 3, and HDAC10 (15.6 - 2000 ng). Incubation condition: 30 min at 37 centigrade, followed by HDAC developer for 15 min at room temperature. Fluorescence intensity is measured at ex360/em460.
Molecular Mass	78 kDa
Purity	≥19%
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Stability	>6 months at -80 centigrade.

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Storage Store at -80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name HDAC10 histone deacetylase 10 [Homo sapiens]

Official Symbol HDAC10

Synonyms HDAC10; histone deacetylase 10; DKFZP761B039; HD10; MGC149722; DKFZp761B039;

Gene ID 83933

mRNA Refseq NM_001159286

Protein Refseq NP_001152758

MIM 608544

UniProt ID Q969S8

HDAC10-27261TH, 2

Specific Activity

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