

## 32-2431: HDAC8 Recombinant Protein

**Alternative Name :** Histone deacetylase 8,HD8,HDAC8,HDACL1,CDA07,RPD3.

### Description

Source : Escherichia Coli. HDAC8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 383 amino acids (1-377) and having a molecular mass of 42.6kDa.HDAC8 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. Histone deacetylase 8 (HDAC8) is a member of the class 1 of the histone deacetylase/acuc/apha family. HDAC8 is biologically involved in skull morphogenesis and metabolic control of the ERR-alpha/PGC1-alpha transcriptional complex. Histones play a key role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation modifies chromosome structure and affects transcription factor access to DNA.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 80% as determined by SDS-PAGE.
<b>Content :</b>	The HDAC8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

