

Recombinant Full Length Rat HDAC8 Protein, C-His-tagged

Cat. No. HDAC8-13RFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat HDAC8 Protein, fused to His-tag at C-terminus, was expressed in E. coli.
Species	Rat
Source	E.coli
Description	Enables chromatin binding activity and deacetylase activity. Involved in several processes, including cellular response to organic cyclic compound; negative regulation of macromolecule metabolic process; and negative regulation of osteoblast differentiation. Located in nucleus. Biomarker of amphetamine abuse; hypertension; and renovascular hypertension. Human ortholog(s) of this gene implicated in Cornelia de Lange syndrome 5 and Wilson-Turner syndrome. Orthologous to human HDAC8 (histone deacetylase 8).
Form	Sterile 50mM Tris, 200mM NaCl, pH 8.0.
Molecular Mass	43 kDa
AA Sequence	MEIPEEPANSGHSLPPVYIYSPEYVSICDSLKVPKRASMVHSLIEAYALHKQMRIVK PKVASMEEMATFHTDAYLQHLQKVSQEGDEDHPDSIEYGLGYDCPATEGIFDYAAAI GGGTITAAQCLIDGKCKVAINWSSGGWHHAKKDEASGFCYLNDAVLGILRLRRKFDRI LYVDLDLHHGDGVEDAFSFTSKVMTVSLHKFSPGFFPGTGDMSDVGLGKGRYYSV NVPIQDGIQDEKYHICESVLKEVYQAFNPKAVVLQLGADTIAGDPMCSFNMTVPVI GKCLKYVLQWQLATLILGGGGYNLANTARCWTYLTGVILGKTLSSSEIPDHEFFTAYG

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PDYVLEITPSCRPRDRNEPHRIQQILNYIKGNLKHVVHHHHHHHHHH

Purity >90% by SDS-PAGE.

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.18mg/ml by BCA.

GENE INFORMATION

Gene Name [Hdac8 histone deacetylase 8 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol [HDAC8](#)

Synonyms HDAC8; histone deacetylase 8; HD8; RGD1562895

Gene ID [363481](#)

mRNA Refseq [NM_001126373.2](#)

Protein Refseq [NP_001119845.2](#)

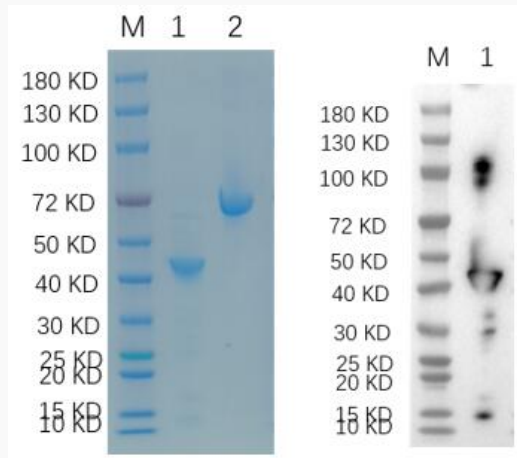
UniProt ID [B1WC68](#)

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SDS-PAGE



Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified HDAC8.

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