

Recombinant Human HDAC4 protein

Cat. No. HDAC4-518H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDAC4 protein(Met612-Leu1084) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	612-1084 aa
Form	Lyophilized from sterile 20mM Tris,500mM NaCl, pH 7.4, 10%gly.
Molecular Mass	The secreted recombinant human HDAC4 consists of 475 amino acids and predicts a molecular mass of 50.9 KDa. The apparent molecular mass of the protein is approximately 51 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name HDAC4 histone deacetylase 4 [Homo sapiens]

Official Symbol HDAC4

Synonyms HDAC4; histone deacetylase 4; HA6116; HD4; HDAC 4; HDAC A; HDACA; KIAA0288; histone deacetylase A; AHO3; BDMR; HDAC-4; HDAC-A;

Gene ID 9759

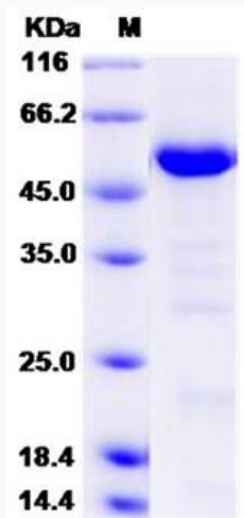
mRNA Refseq NM_006037

Protein Refseq NP_006028

MIM 605314

UniProt ID P56524

SDS-PAGE



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