

HDAC6 recombinant protein

HDAC6, Active

CATALOG # AAA73603	HOST Sf9 insect cells	APPLICATIONS Western Blot
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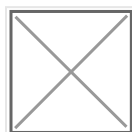
PRODUCT SYNONYMS

HDAC6; Active; HD6; JM21; KIAA0901; HDAC6 recombinant protein

PRODUCT SPECIFICATIONS

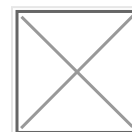
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for HDAC6 recombinant protein	WB (Western Blot), HDAC (Histone Deacetylase Assay)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Histone Deacetylase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for HDAC6 recombinant protein	Recombinant full-length human HDAC6 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC069243. HDAC6 or Histone deacetylase 6 belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. The protein encoded by this gene belongs to class II of the histone deacetylase family that regulates important biologic processes beyond histone metabolism and gene transcription (1). HDAC6 is a central component of the stress response that regulates SG formation and potentially contributes to control of RNA metabolism and translation (2).
Product Categories/Family for HDAC6 recombinant protein	Histone Deacetylases ; Cancer ; Cell Cycle ; Inflammation
References	1. Hubbert, C. et.al: HDAC6 is a microtubule-associated deacetylase. Nature 417: 455-458, 2002. 2. Kwon, S. et.al: The deacetylase HDAC6 is a novel critical component of stress granules involved in the stress response. Genes Dev. 21: 3381-3394, 2007.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46623326
NCBI GeneID	10013
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	159 kDa
NCBI Official Full Name	Homo sapiens histone deacetylase 6, mRNA
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	HD6; JM21
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6
UniProt Entry Name	HDAC6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hdac6-recombinant-protein-sf9-insect-cells-wb-western-blot-hdac-histone-deacetylase-assay/73603>