

Histone Deacetylase 4 Recombinant Protein | HDAC4 recombinant protein

Recombinant Histone Deacetylase 4 (HDAC4)

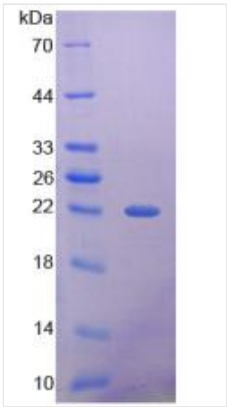
CATALOG # AAA144425	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Histone Deacetylase 4; Recombinant Histone Deacetylase 4 (HDAC4); HDAC4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. RTVVMPIA NEFAPDVVLV SSGFDAVEGH PTPLGGYNLS AKCFGYLTQKQ LMGLAGGRLV LALEGGHDLT AICDASEACV SALLGNELEP LPEKVLHQRPNANAVHSMK VMDIHSKYWR CLQRLSSTVG HSLIEAQKCE KEEAETVTAM ASLSVGKPA EKRSEEEPMEEPL
Sequence Length	1084
Applicable Applications for HDAC4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	22.4kDa
Accurate Molecular Mass (KD)	22kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Mus musculus (Mouse)
Fragment	Arg904~Leu1076
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



RTVVMPI ANEFAPDVVL VSSGFDAVEG HPTPLGGYNL SAKCFGYLT
QLMGLAGGRL VLALEGGHDL TAICDASEAC VSALLGNELE PLPEKVLHQR
PNANAVHSME KVMDIHSKYW RCLQLSSTV GHSLIEAQKC EKEEAETVTA
MASLSVGVKP AEKRSEEEPM EEEPL

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	153085395
NCBI GeneID	9759
NCBI Accession #	NP_006028.2
NCBI GenBank Nucleotide #	NM_006037.3
Molecular Weight	106,367 Da
NCBI Official Full Name	histone deacetylase 4
NCBI Official Synonym Full Names	histone deacetylase 4
NCBI Official Symbol	HDAC4
NCBI Official Synonym Symbols	HD4; AHO3; BDMR; HDACA; HA6116; HDAC-4; HDAC-A
NCBI Protein Information	histone deacetylase 4
UniProt Protein Name	Histone deacetylase 4
UniProt Gene Name	HDAC4
UniProt Synonym Gene Names	KIAA0288; HD4
UniProt Entry Name	HDAC4_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.