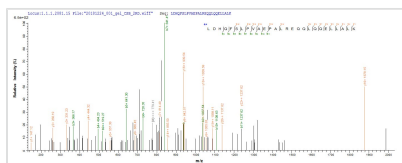


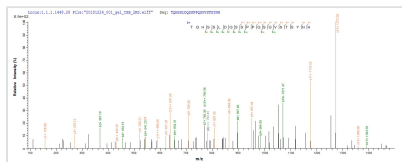


# Recombinant Human Histone deacetylase 4 (HDAC4), partial

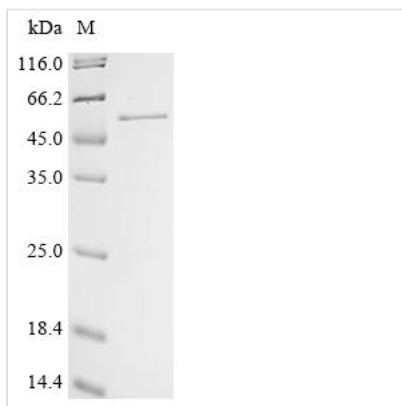
<b>Product Code</b>	CSB-EP010240HU
<b>Relevance</b>	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.
<b>Abbreviation</b>	Recombinant Human HDAC4 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P56524
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MSSQSHPDGLSGRDQPVLLNPARNHMPSTVDVATALPLQVAPSAVPMDLR LDHQFSLPVAEPALREQQLQQELLALKQKQQIQRQILIAEFQRQHEQLSRQHE AQLHEHIKQQQEMLAMKHQQELLEHQRKLERHRQEQELEKQHREQKLQQLK NKEKGKESAVASTEVMKMLQEFVLNKKKALAHRLNHCISDPRYWGKTQH SSLDQSSPPQSGVSTSYNH
<b>Research Area</b>	Transcription
<b>Source</b>	E.coli
<b>Target Names</b>	HDAC4
<b>Expression Region</b>	1-227aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	53.3kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP010240HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) HDAC4.



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

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