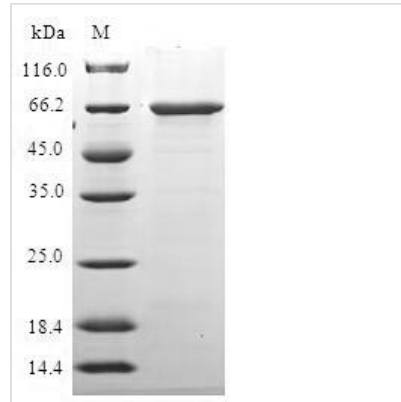




# Recombinant Human Histone deacetylase 11 (HDAC11)

<b>Product Code</b>	CSB-EP010237HU
<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.
<b>Abbreviation</b>	Recombinant Human HDAC11 protein
<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>	Q96DB2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLHTTQLYQHVPETRWPIVYSPRYNITFMGLEKLHPFDAGKWGKVINFLKEEK LLSDSMLVEAREASEEDLLVVHTRRYLNELKWSFAVATITEIPPVIFLPNFLVQR KVLRLRRTQTGGTIMAGKLAVERGWAINVGGGFHHCSSDRGGGFCAAYADITL AIKFLFERVEGISRATIIDLDAHQNGNGHERDFMDDKRVYIMDVYNRHIYPGDRF AKQAIRRKVELEWGTEDDEYLDKVERNIKKSLQEHLDPDVVYNAGTDILEGDR LGGLSISPAGIVKRDELVFRMVRGRRVPILMVTSGGYQKRTARIIADSILNLFGL GLIGPESPSVSAQNSDTPLLPPAVP
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	HDAC11
<b>Protein Names</b>	Recommended name: Histone deacetylase 11 Short name= HD11 EC= 3.5.1.98
<b>Expression Region</b>	1-347aa
<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>	66.2kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



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

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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