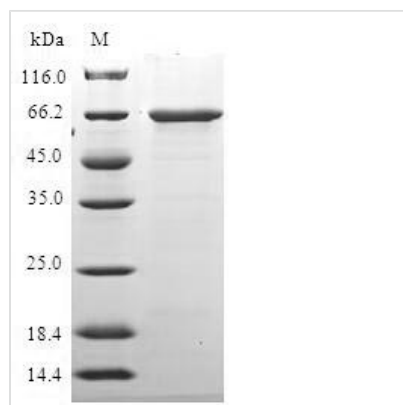




Recombinant Human Histone deacetylase 11 (HDAC11)

Product Code	CSB-EP010237HU
Relevance	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.
Abbreviation	Recombinant Human HDAC11 protein
Storage	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.
Uniprot No.	Q96DB2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLHTTQLYQHVPETRWPIVYSPRYNITFMGLEKLHPFDAGKWGKVINFLKEEK LLSDSMLVEAREASEEDLLVVHTRRYLNELKWSFAVATITEIPPVIFLPNFLVQR KVLRLPLRTQTGGTIMAGKLAVERGWAINVGGGFHHCSSDRGGGFCAYADITL AIKFLFERVEGISRATIIDLDAHQQNGHERDFMDDKRVYIMDVYNRHIYPGDRF AKQAIIRRKVELEWGTEDDEYLDKVERNIKKSLQEHLDPDVVYNAGTDILEGDR LGGLSISPAGIVKRDELVFRMVRRVPILMVTSGGYQKRTARIIDSILNLFGL GLIGPESPSVSAQNSDTPLLPPAVP
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	HDAC11
Protein Names	Recommended name: Histone deacetylase 11 Short name= HD11 EC= 3.5.1.98
Expression Region	1-347aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	66.2kDa
Protein Length	Full Length
Image	



(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

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.