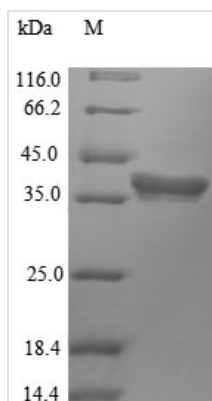




Recombinant Arabidopsis thaliana Histone deacetylase HDT2 (HDT2)

Product Code	CSB-EP684969DOA
Relevance	Probably mediates 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.
Abbreviation	Recombinant Mouse-ear cress HDT2 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.	Q56WH4
Alias	HD-tuins protein 2 Histone deacetylase 2b
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEFWGVAVTPKNA TKVTPEEDSLVHISQASLDCTVKSGESVVL SVTVGGAKLV IGTLSQDKFPQISFDLVDFKEFELSHSGTKANVHFIFYKSPNIEQDDFTSSDDE DVPEAVPAPAPTAVTANGNAGAAVVKADTKPKAKPAEVKPAEEKPESDEEDE SDDEDESEEDDDSEKGMVDVEDDSDDDEEEDSEDEEEEEETPKKPEPINKKRP NESVSKTPVSGKKAKPAAAPASTPQKTEKKKKGGHTATPHPAKKGGKSPVNA NQSPKSGGQSSGGNNKKPFNSGKQFGGSNNKGSNKGKGKGRA
Research Area	Others
Source	E.coli
Target Names	HDT2
Protein Names	Recommended name: Histone deacetylase HDT2 Alternative name(s): HD-tuins protein 2 Histone deacetylase 2b
Expression Region	1-306aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	37.3kDa
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.