

Recombinant Arabidopsis Thaliana HD2B Protein (1-306 aa), His-tagged

Cat. No. HD2B-2349A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) HD2B Protein (1-306 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Arabidopsis Thaliana
Source	Yeast
ProteinLength	1-306 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.3 kDa
AA Sequence	MEFWGVAVTPKNATKVTPEEDSLVHISQASLDCTVKSGESVVLSTVGGAKLVIGTL SQDKFPQISFDLVFDKEFELSHSGTKANVHFIGYKSPNIEQDDFTSSDDEDVPEAVP APAPTAVTANGNAGAAVVKADTKPKAKPAEVKPAEEKPESDEEDESDEDESEEDD DSEKGMVDVEDDSDDDDEEEDSEDEEEEEETPKKPEPINKKRPNESVSKTPVSGKKAK PAAAPASTPQKTEEKKKGGHTATPHPAKKGGKSPVNANQSPKSGGQSSGGNNNK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	KPFNSGKQFGGSNNKGSNKGKGKGRA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

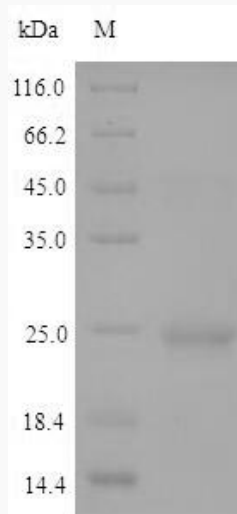
GENE INFORMATION

Gene Name	HD2B histone deacetylase 2B [<i>Arabidopsis thaliana</i> (thale cress)]
Official Symbol	HD2B
Synonyms	HDT2; ATHD2; ATHD2B; HD2; HDA4; HDT02; HDT2; histone deacetylase 2B; MDJ22.7; MDJ22_7;
Gene ID	832328
mRNA Refseq	NM_180725
Protein Refseq	NP_851056
UniProt ID	Q56WH4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA