

Datasheet for ABIN7590847
TFL2 Protein (AA 1-445) (His tag)



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Overview

Quantity:	100 µg
Target:	TFL2
Protein Characteristics:	AA 1-445
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFL2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKGASGAVKK KPQVLNEAGE AETAVETVGE SRKISGDGGF GSDDGGGGGG GSGGESILRE IGDDRPTEDG DEEEEEDEDE DDGGDEEDEE GEGEGGQEER PKLDEGFYEI EAIRRKRVRK GKVQYLIKWR GWPETANTWE PLENLQSIAD VDAFEGSLK PGKPGRKRKR KYAGPHSQMK KKQRLTSTSH DATEKSDSST SLNNSSLPDI PDPLDLGSS LLNRDVEAKN AYVSNQVEAN SGSVGMARQV RLIDNEKEYD PTLNELRGPV NNSNGAGCSQ GGGIGSEGDN VRPNGLLKVY PKELDKNSRF IGAKRRKSGS VKRFKQDGST SNNHTAPTDQ NLTPDLTTLD SFGRIARMGN EYPGVMENCN LSQKTKIEEL DITKILKPMs FTASVSDNVQ EVLVTFLALR SDGKEALVDN RFLKAHNPHL LIEFYEQLK YNRTP
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: TFL2

Alternative Name: Chromo domain-containing protein LHP1 (LHP1) ([TFL2 Products](#))

Background: Recommended name: Chromo domain-containing protein LHP1.
Alternative name(s): Protein LIKE HETEROCHROMATIN PROTEIN 1 Protein TERMINAL FLOWER 2

UniProt: [Q946J8](#)

Pathways: [Photoperiodism](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.