

Datasheet for ABIN1664643
HEMA2 Protein (AA 65-530) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HEMA2
Protein Characteristics:	AA 65-530
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEMA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASISAL EQLKTSIDR YTKERSSIVV IGLSIHTAPV EMREKLAIBE AEWPRIAEL CGLNHIEEAA VLSTCNRMEI YVLALSQHRG VKEVTEWMSK TSGIPVSEIC QHRFLLYNKD VTQHIFEVSA GLDSLVLGEG QILAQVKQVV KVGQGVNGFG RNISGLFKHA ITVGKRV RTE TNIAAGAVSV SSAAVELALM KLPESHASS ARMLVVGAGK MGKLVIKHLV AKGCTKMVVV NRSEEKVA AV RNEMPPGVEI IYKPLDEMLS CAAEADVFT STASETPLFL KEQVETLPPV RDARLFVDIS VPRNVGSCVA EIDGTRVFNV DDLKEVVAAN KEDRVRKAMD AQAIITDESK HFEAWRDSLE TVPTIKKLRG YTERIAAAEI EKSLPKMGID MNKKMRKTV DDLIRGIVNKL LHGPMQHLRC DGNDSRTLSE TLDNMQALNR MYGLDAEILE EKIRAKVEKK
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: HEMA2

Alternative Name: Glutamyl-tRNA reductase 2, chloroplastic (HEMA2) ([HEMA2 Products](#))

Background: Recommended name: Glutamyl-tRNA reductase 2, chloroplastic.
Short name= GluTR.
EC= 1.2.1.70

UniProt: [P49294](#)

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 modified 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

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