Datasheet for ABIN1615265

TAT Protein (AA 1-420) (His tag)

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Overview

Quantity:	1 mg
Target:	TAT
Protein Characteristics:	AA 1-420
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGENGAKRWN FGANEVVERS NSLTIRDYLN TLINCLDGGD VRPVIPLGHG DPSPFPSFRT DQAAVEAICD AVRSTKFNNY SSSSGVPVAR KAVAEYLSSD LSYQISPNDV HITAGCVQAI EILISALAIP GANILLPRPT YPMYDSRAAF CQLEVRYFDL LPENGWDVDL DGVEALADDK TVAILVINPC NPCGNVFSRQ HLQKIAETAC KLGILVIADE VYDHFAFGDK PFVSMAEFAE LVPVIVLGAI SKRWFVPGWR LGWMVTLDPH GIMKDSGFVQ TLINVVNMST DPATFIQGAM PDIIGNTKEE FFSSKLEMVK KCAEICYEEL MKIPCITCPC KPEGSMFTMV KLNFSLLEDI SDDLDFCSKL AKEESMIILP GQAVGLKNWL RITFAVELEL LIEGFSRLKN FTERHSKNQP
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	TAT
Abstract:	TAT Products
Background:	Recommended name: Tyrosine aminotransferase. Short name= TAT. EC= 2.6.1.5. Alternative name(s): L-tyrosine:2-oxoglutarate aminotransferase
UniProt:	Q9LVY1
Pathways:	Response to Water Deprivation

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 modificated 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.