

Datasheet for ABIN7591124

APS4 Protein (AA 41-469) (His tag)



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Overview

Quantity:	100 µg
Target:	APS4
Protein Characteristics:	AA 41-469
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APS4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QVSRRGLSVK SGLIEPDGGK LMNLVVEESR RRVMKHEAET VPARIKLN RV DLEWVHVLSE GWASPLKGFM RQSEFLQTLH FNSFRLEDGS VVNMSVPIVL AIDDDQKFRI GDSNQVTLVD SVGNPIAILN DIEIYKHPKE ERIARTWGTT ARGLPYAEEA ITKAGNWLIG GDLQVLEPIK YNDGLDRFRL SPSQLREEFI RRGADAVFAF QLRNPVHNGH ALLMTDTRRR LLEMGYKNPV LLLNPPLGGFT KADDVPLSWR MRQHEKVLED GVLDPETTVV SIFPSPMLYA GPTEVQWHAK ARINAGANFY IVGRDPAGMG HPTEKRDLYD ADHGKKVLSM APGLERLNIL PFKVAAYDKT QGKMAFFDPS RSQDFLFISG TKMRGLAKKK ENPPDGMCP SGWKVLVDYY DLSAETGNG RVSEAVASA
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: APS4

Alternative Name: ATP sulfurylase 4, chloroplastic (APS4) ([APS4 Products](#))

Background: Recommended name: ATP sulfurylase 4, chloroplastic.
EC= 2.7.7.4

UniProt: [Q9S7D8](#)

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

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