



[Go to Product page](#)

Datasheet for ABIN1610430  
**OAT Protein (AA 1-426) (His tag)**

### Overview

Quantity:	1 mg
Target:	OAT
Protein Characteristics:	AA 1-426
Origin:	Moth bean ( <i>Vigna aconitifolia</i> )
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This OAT protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MFKPHLLAVV SRCNSFFGCV DICCNWGNSA PRTLKGLKSV TSEQVFEREQ KYGAHNYHHC SAYRAKGVSL DMEGKRYFDF LSAYSAVNQG HCHPKIVNTM VEQAQRLTLT SRAFYTDVLG EYEEFLTKLF NYDKVLPMT GVEGGETACK IARCWAYMKK KVPENQAKII FAENNFWRGT LSAISASTDP MSYDELRPYM PGFEIVKYND TAALEKAFQD PNVCAYMVEP IQGEAGVVAL DAGYLTEVRE LCTKYNVLF ADEVQTGLAR TGRMLAVDHE DVKPDLLILG KALSGGLYPV SAVLRDDHIM DCIQPLHTA MDVMDPRMRI LAASRYVVRV ARERCENAIQ QATYLRKELN TLPKDVPV RVGKGLLNAIV INKKFDAWDV CLNLCKPTHG DIIRFATTGH HRGTDPRMCQ YYQKYH</p>
Specificity:	<i>Vigna aconitifolia</i> (Moth bean) ( <i>Phaseolus aconitifolius</i> )
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

---

Purity: > 90 %

## Target Details

---

Target: OAT

Alternative Name: Ornithine aminotransferase ([OAT Products](#))

Background: Recommended name: Ornithine aminotransferase.  
EC= 2.6.1.13.  
Alternative name(s): Ornithine--oxo-acid aminotransferase

UniProt: [P31893](#)

## 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.