

Datasheet for ABIN1611116
IL4I1 Protein (AA 19-516) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | IL4I1 |
| Protein Characteristics: | AA 19-516 |
| Origin: | Crotalus atrox |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL4I1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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|------------------|--|
| Sequence: | AH DRNPLEECFR ETDYEEFLEI AKNGLTATSN PKRVVIVGAG MAGLSAAYVL AGAGHQVTVL EASERVGGRV RTYRKKDWYA NLGPMRLPTK HRIVREYIKK FDLKLNFSQ ENENAWYFIK NIRKRVREVK NNPGLLEYPV KPSEEGKSAA QLYVESLRKV VKELKRTNCK YLDKYDTYS TKEYLLKEGN LSPGAVDMIG DLLNEDSGYY VSFIESLKHD DIFGYEKRFD EIVGGMDQLP TSMYEAIKEK VQVHFNARVI EIQQNDREAT VTYQTSANEM SSVTADYVIV CTTSRAARRI KFEPPLPPKK AHALRSVHYR SGTKIFLTCK KKFWEDDGIR GKGSTTDLPS RFIYYPNHNF TSGVGVIIAY GIGDDANFFQ ALDFKDCADI VINDLSLIHQ LPKEDIQTFC RPSMIQRWSL DKYAMGGITT FTPYQFQHFS EALTAPFKRI YFAGEYTAQF HGWIDSTIKS GLTAARDVNR ASENPSGIHL SNDNEF |
| Specificity: | Crotalus atrox (Western diamondback rattlesnake) |
| 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: IL4I1

Alternative Name: L-amino-acid oxidase ([IL4I1 Products](#))

Background: Recommended name: L-amino-acid oxidase.
Short name= LAAO.
Short name= LAO.
EC= 1.4.3.2.
Alternative name(s): Apoxin I Apoxin-1

UniProt: [P56742](#)

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

Handling

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