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Datasheet for ABIN1646430

**ARNTL Protein (AA 1-626) (His tag)**

## Overview

Quantity:	1 mg
Target:	ARNTL
Protein Characteristics:	AA 1-626
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARNTL protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MADQRMDISS TISDFMSPGP TDLLSGSLST SGVDCNRKRK GSATDYQESM DTDKDDPHGR LEYAEHQGRI KNAREHSQI EKRRRDKMNS FIDELASLVP TCNAMSRLKD KLTVLRMAVQ HMKTLRGATN PYTEANYKPT SLSDDELKHL ILRAADGFLF VVGCDRGKIL FVSESVFKIL NYSQNDLIGQ SLFDYLHPKD IAKVKEQLSS SDTAPRERLI DAKTGLPVKT DITPGPSRLC SGARRSFFCR MKCNRPSVKV EDKDFASTCS KKKADRKSFC TIHSTGYLKS WPPTKMGLDE DSEPDNEGCN LSCLVAIGRL HSHMVPQPVN GEIRVKSMEY VSRHAIDGKF VFVDQRATAI LAYLPQELLG TSCYEYFHQD DIGHLAECHR QVLQTREKIT TNCYKFKIKD GSFITLRSRW FSFMNPWTKE VEYIVSTNTV VLANVLEGGD PTFPQLTASP HSMDSMLPSG EGGPKRTHPT VPGIPGGTRA GAGKIGRMIA EEIMEIHRIR GSSPSSCGSS PLNITSTPPP DASSPGGKKI LNGGTPDIPS AGLLPGQAQE TPGYPYSDSS SILGENPHIG IDMIDNDQGS SSPSNDEAAM AVIMSLLEAD AGLGGPVDFS DLPWPL
Specificity:	Rattus norvegicus (Rat)

## Product Details

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.
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Purity:	> 90 %
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## Target Details

Target:	ARNTL
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Alternative Name:	Aryl hydrocarbon receptor nuclear translocator-like protein 1 (Arntl) ( <a href="#">ARNTL Products</a> )
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Background:	Recommended name: Aryl hydrocarbon receptor nuclear translocator-like protein 1. Alternative name(s): Brain and muscle ARNT-like 1 Tic
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UniProt:	<a href="#">Q9EPW1</a>
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Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Warburg Effect</a>
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## 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.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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## Handling

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Storage: -20 °C

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