antibodies

## Datasheet for ABIN1474396 IGFALS Protein (AA 24-603) (His tag)



Overview

Quantity:	1 mg
Target:	IGFALS
Protein Characteristics:	AA 24-603
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFALS protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	HLQGTDP GASADAEGPQ CPVACTCSHD DYTDELSVFC SSKNLTHLPD DIPVSTRALW
	LDGNNLSSIP SAAFQNLSSL DFLNLQGSWL RSLEPQALLG LQNLYYLHLE RNRLRNLAVG
	LFTHTPSLAS LSLSSNLLGR LEEGLFQGLS HLWDLNLGWN SLVVLPDTVF QGLGNLHELV
	LAGNKLTYLQ PALFCGLGEL RELDLSRNAL RSVKANVFVH LPRLQKLYLD RNLITAVAPG
	AFLGMKALRW LDLSHNRVAG LMEDTFPGLL GLHVLRLAHN AIASLRPRTF KDLHFLEELQ
	LGHNRIRQLG ERTFEGLGQL EVLTLNDNQI TEVRVGAFSG LFNVAVMNLS GNCLRSLPER
	VFQGLDKLHS LHLEHSCLGH VRLHTFAGLS GLRRLFLRDN SISSIEEQSL AGLSELLELD
	LTTNRLTHLP RQLFQGLGHL EYLLLSYNQL TTLSAEVLGP LQRAFWLDIS HNHLETLAEG
	LFSSLGRVRY LSLRNNSLQT FSPQPGLERL WLDANPWDCS CPLKALRDFA LQNPGVVPRF
	VQTVCEGDDC QPVYTYNNIT CAGPANVSGL DLRDVSETHF VHC
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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Product Details	
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
Target:	IGFALS
Alternative Name:	Insulin-like growth factor-binding protein complex acid labile subunit (Igfals) (IGFALS Products)
Background:	Recommended name: Insulin-like growth factor-binding protein complex acid labile subunit. Short name= ALS
UniProt:	P35859
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.

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