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Datasheet for ABIN1656081  
**AIMP1 Protein (AA 1-359) (His tag)**

Overview

Quantity:	1 mg
Target:	AIMP1
Protein Characteristics:	AA 1-359
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AIMP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MCEVFRRLPG TAPGSSPPAP ATHRLRLLGR ELRVRRFMIF CRFWAKMATN DAVLKRLEQK GAEADQIIIEY LKQQVALLKE KAVLQATLRE EKCLRVENAK LKKEIEELKQ ELIQAEIQNG VKQIPVPVQS DTPVQASSAV STSVIQSTSV STISCSIKEH SKGGGEEKKV KEKTDKKGEK KEKKLQSAAP SADSKPVDVS RLDLRIGRIV TVKKHPDADS LYVEEVDVGE AAPRTVISGL VNHVPLDQMQ NRMVVLLCNL KPAKMRGILS QAMVMCASSP EKVEILAPPN GSVPGDRITF DAFPGEPDKE LNPKKKIWEQ IQPDLHTNAE CVATYKGSFP EVKGKGV CRA QTMANSGIK
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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.
Purity:	> 90 %

## Target Details

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Target:	AIMP1
Alternative Name:	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 (AIMP1) ( <a href="#">AIMP1 Products</a> )
Background:	Recommended name: Aminoacyl tRNA synthase complex-interacting multifunctional protein 1. Alternative name(s): Multisynthase complex auxiliary component p43 Cleaved into the following chain: 1. Endothelial monocyte-activating polypeptide 2. Alternative name(s): EMAP-II Small inducible cytokine subfamily E member 1
UniProt:	<a href="#">054873</a>

## Application Details

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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

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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.