Datasheet for ABIN1649929

AIF Protein (AA 102-612) (His tag)

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Overview

Quantity:	1 mg
Target:	AIF (AIFM1)
Protein Characteristics:	AA 102-612
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AIF protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GLSPEEKQR RAIASAAEGG SVPPIRVPSH VPFLLIGGGT AAFAAARSIR ARDPGARVLI VSEDPELPYM RPPLSKELWF SDDPNVTKTL QFRQWNGKER SIYFQPPSFY VSAQDLPHIE NGGVAVLTGK KVVHLDVRGN MVKLNDGSQI TFEKCLIATG GTPRSLSAID RAGAEVKSRT TLFRKIGDFR ALEKISREVK SITVIGGGFL GSELACALGR KSQASGIEVI QLFPEKGNMG KILPEYLSNW TMEKVKREGV KVMPNAIVQS VGVSGGKLLI KLKDGRKVET DHIVTAVGLE PNVELAKTGG LEIDSDFGGF RVNAELQARS NIWVAGDAAC FYDIKLGRRR VEHHDHAVVS GRLAGENMTG AAKPYWHQSM FWSDLGPDVG YEAIGLVDSS LPTVGVFAKA TAQDNPKSAT EQSGTGIRSE SETESEASEI TIPPSDPAVP QVPVEGEDYG KGVIFYLRDK VVVGIVLWNV FNRMPIARKI IKDGEQHEDL NEVAKLFNIH ED
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	AIF (AIFM1)
Alternative Name:	Apoptosis-inducing factor 1, mitochondrial (Aifm1) (AIFM1 Products)
Background:	Recommended name: Apoptosis-inducing factor 1, mitochondrial. EC= 1.-.-.-. Alternative name(s): Programmed cell death protein 8
UniProt:	Q9JM53
Pathways:	Apoptosis, Positive Regulation of Endopeptidase Activity, Cell RedoxHomeostasis, Smooth Muscle Cell Migration, Warburg Effect

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

Handling

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