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Datasheet for ABIN1474465 CNN3 Protein (AA 1-330) (His tag)



Overview	
Quantity:	1 mg
Target:	CNN3
Protein Characteristics:	AA 1-330
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNN3 protein is labelled with His tag.
Application:	ELISA
Product Details	
Product Details Sequence:	MTHFNKGPSY GLSAEVKNKI ASKYDQQAEE DLRNWIEEVT GMGIGTNFQL GLKDGIILCE
	MTHFNKGPSY GLSAEVKNKI ASKYDQQAEE DLRNWIEEVT GMGIGTNFQL GLKDGIILCE LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT
	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT
	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT TLVALAGLAK TKGFHTTIDI GVKYAEKQTR RFDEGKLKAG QSVIGLQMGT NKCASQAGMT
	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT TLVALAGLAK TKGFHTTIDI GVKYAEKQTR RFDEGKLKAG QSVIGLQMGT NKCASQAGMT AYGTRRHLYD PKMQTDKPFD QTTISLQMGT NKGASQAGMS APGTRRDIYD QKLTLQPVDN
	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT TLVALAGLAK TKGFHTTIDI GVKYAEKQTR RFDEGKLKAG QSVIGLQMGT NKCASQAGMT AYGTRRHLYD PKMQTDKPFD QTTISLQMGT NKGASQAGMS APGTRRDIYD QKLTLQPVDN STISLQMGTN KVASQKGMSV YGLGRQVYDP KYCAAPTEPV IHNGSQGTGT NGSEISDSDY
Sequence:	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT TLVALAGLAK TKGFHTTIDI GVKYAEKQTR RFDEGKLKAG QSVIGLQMGT NKCASQAGMT AYGTRRHLYD PKMQTDKPFD QTTISLQMGT NKGASQAGMS APGTRRDIYD QKLTLQPVDN STISLQMGTN KVASQKGMSV YGLGRQVYDP KYCAAPTEPV IHNGSQGTGT NGSEISDSDY QAEYPDEYHG EYPDEYPREY QYGDDQGIDY
Sequence: Specificity:	LINKLQPGSV KKVNESSLNW PQLENIGNFI KAIQAYGMKP HDIFEANDLF ENGNMTQVQT TLVALAGLAK TKGFHTTIDI GVKYAEKQTR RFDEGKLKAG QSVIGLQMGT NKCASQAGMT AYGTRRHLYD PKMQTDKPFD QTTISLQMGT NKGASQAGMS APGTRRDIYD QKLTLQPVDN STISLQMGTN KVASQKGMSV YGLGRQVYDP KYCAAPTEPV IHNGSQGTGT NGSEISDSDY QAEYPDEYHG EYPDEYPREY QYGDDQGIDY Rattus norvegicus (Rat)

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Target Details	
Target:	CNN3
Alternative Name:	Calponin-3 (Cnn3) (CNN3 Products)
Background:	Recommended name: Calponin-3. Alternative name(s): Calponin, acidic isoform Calponin, non-muscle isoform
UniProt:	P37397

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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