Datasheet for ABIN1677220

ANKRD1 Protein (AA 1-319) (His tag)

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Overview

Quantity:	1 mg
Target:	ANKRD1
Protein Characteristics:	AA 1-319
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MMTMKVEELV TGKKTDDKES GSFLPEDFKT GEYEAAVKLE KQDDLRTASD HLSTQVDMAH GKEKKREAEL KKKKLQERSK LESLEDLEKI IQLKKKKKCR KVKAPLLKEP EPEVITGPVD IAMFFRAALE NKLPVIEKYL SDKGDPNVCN EYKRTALHRA CSEGHLEVVK KLVEAGALLE LKDMLESTAL HWACRGGNLE IVKFLLDKGI NRNARDKLRS TPLHVAVRTG QHDCAEHLIA CEADLNAKDR EGDTPMHDAV RLNRYKMVRL LILYGADLTI KNVDGKTPMD LVLQWQNGTK ELFNNLKNNS YKSAHLNKF
Specificity:	Gallus gallus (Chicken)
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.
Purity:	> 90 %

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Target Details

Target:	ANKRD1
Alternative Name:	Ankyrin repeat domain-containing protein 1 (ANKRD1) (ANKRD1 Products)
Background:	Recommended name: Ankyrin repeat domain-containing protein 1. Alternative name(s): Cardiac ankyrin repeat protein
UniProt:	Q7ZT11
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Response to DNA Damage Stimulus

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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