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Datasheet for ABIN1631816
DNAH12 Protein (AA 1-356) (His tag)

Overview

Quantity:	1 mg
Target:	DNAH12
Protein Characteristics:	AA 1-356
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAH12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MELLQKGAN ALGQASDSSS ILLEAASGGN PDSVTLLLEY GADANVPKNS GHLPIHVAAD RGHLLALKTL VPVTDFAAIK RSGISPIHCA AAGAHPKCLE LLIQAGFDVN FMLDQRIRKH YDDHRKSALY FAVSNGDLSS VKLLLSAGAM PNQDPVNCLQ IALRMGNYEL VSLLLRHGAN VNYFCRVNPL HFPSALQYTL KDEVMLRMLL NYGYDTELCF DCPHGDKVHR FSASEGWTST VIKDTMFCEV ITLSWLQHLS GKVVRVMDLY VDQVRICKSL KAVLQKQLGW SEIHFILTNP RSLKHLCLRK IRKCMGRLRL RCPVFMSFLP LPSRLKAYVL YKEYDLYEQG IFTGTW
Specificity:	Bos taurus (Bovine)
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

Target:	DNAH12
Alternative Name:	Dynein heavy chain 12, axonemal (DNAH12) (DNAH12 Products)
Background:	Recommended name: Dynein heavy chain 12, axonemal. Alternative name(s): Ankyrin repeat and SOCS box protein 14. Short name= ASB-14 Axonemal beta dynein heavy chain 12 Ciliary dynein heavy chain 12
UniProt:	Q58CT0

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 modiflicated 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.