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Datasheet for ABIN1473640
IFT81 Protein (AA 2-675) (His tag)

Overview

Quantity:	1 mg
Target:	IFT81
Protein Characteristics:	AA 2-675
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFT81 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: SDQIKFIVD SLNKEPFKKN YNLITFDSLQ PMQLLQVLND VLAEIDPKQD VDIREETPEQ
TAKRMLSLLG ILKYKPPGNA TDMSTFRQGL VIGSKPVIYP VLHWLLQRSS ELKKRAYLAR
FLIKLEVPSE FLQDETVADT NKQYEELMEA FKALHKECEQ LKTSGFSTAE IRRDISAMEE
EKDQLMKRVE RLKKRVETVQ NHQRMLKIAR QLRVEKERE FLAQQKQEQK NQLFHAVQRL
QRVQNQLKSM RHAAADAKPE SLMKRLEEEI KFNSYVMVTEK FPKELESKKK ELHFLQKVVS
EPAMGHSDLL ELESKVNEVN AEINQLIEKK MMRNEPIEGK LSLYRQQASI ISRKKEAKAE
ELQETKEKLA SLEREVS VKT NQTREFDGTE VLKGDEFKRY VSKLRSKSTV FKKKHQIIAE
FKAIEGGLLQR TEELLKQRQE TIHQQLRTIE EKKGISGYSY TQEELERVSA LKSEVDEMKG
RTLDDMSEMV KKLNSLVSEK KALAPVIKE LRQLRQKCQL TQECDEKRTQ YDSCAAGLES
NRSKLEQEVRLGEECLQEE SKYHYTNLCMI KNLEVQLRRA TDEMKAYVSS DQQEKRAIR
EQYTKNITEQ ENLGKKLREK QKAVRESHGP NMKQAKMWRD LEQLMECKKQ CFLKQQSPAS
IGQVIQEGGE DRLVL

Product Details

Specificity:	Rattus norvegicus (Rat)
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:	IFT81
Alternative Name:	Intraflagellar transport protein 81 homolog (Ift81) (IFT81 Products)
Background:	Recommended name: Intraflagellar transport protein 81 homolog. Alternative name(s): Carnitine deficiency-associated protein expressed in ventricle 1. Short name= CDV-1
UniProt:	P83829
Pathways:	Hedgehog Signaling

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 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

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.