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Datasheet for ABIN1676922

POC1A Protein (AA 1-416) (His tag)

Overview

Quantity:	1 mg
Target:	POC1A
Protein Characteristics:	AA 1-416
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POC1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSALDDPTL ERNFKGHRDA ITSLDFSPSG KQIASGSVDA SVMVWNMKPQ SRAYRFTGHK DAVTCVQFSP SAHLLASSSR DKTVRLWVPS VKGESVLFRA HTGSVRSVCF SADGQSLT SDDQSIKLWS VHRQKIICL REHNNWVRCA RFSPDGQLMV SVSDDRTVKL WDASSRQLIH TFCEPGGYSS YVDFHPSSTC IATASSDNTV RVWDIRTHTL LQHYQVHSAA VNALSFHPSG NHLLTASSDS TLKILDLEGG RLLYTLHG HQ GSASCVSFSR SGDQFASAGS DQQVMVWRTN FDSVDYSRVL QQKRDHRTPS AQASGAAGDP ESRSGQKTEV SPLLGVS AER SVREPTPQQQ TDADGVPAAL TSTLQHIIGQ LDVLTQTVAI LEQRLTLTED KLKECLEQQH QALTEH
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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:	POC1A
Abstract:	POC1A Products
Background:	Recommended name: POC1 centriolar protein homolog A. Alternative name(s): WD repeat domain 51A
UniProt:	Q7ZVF0

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 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.