

Datasheet for ABIN1668876

Iron/zinc Purple Acid Phosphatase Protein (PAPL) (AA 24-443) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Iron/zinc Purple Acid Phosphatase Protein (PAPL)
Protein Characteristics:	AA 24-443
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	DVPIGTQ PEQVHISYPG VQNSMLVTWS SANKTDSVVE YGLWGGKLFS HSATGNSSIF INEGAEYRVM YIHRVLLTDL RPAASYVYHC GSGAGWSELF FFTALNESVF FSPGFALFGD LGNEPQSLS RLQKETQIGT YDVILHIGDF AYDLYEDNGR IGDEFMKQIQ SIAAYVPYMT CPGNHEWAFN FSQYRARFSM PGDTEGLWYS WNVGPAHIIS FSTEYFYYL EYGLDLLFRQ YEWLRADLQE ANRPENRAER PWIITMGHRP MYCSNDDDDD CTHFQSYVRL GRNDTKPPAP GLEELFYQYG VDLELWAHEH TYERLWPVYD YKVFNGSSEE PYVNPKAPVH IITGSAGCRE KHDGFIPKPR DWSAFRSTDY GYTRLQLINN THLYLEQVSD DQYGKVIDQM TLVKEKHGPD AWR
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:	Iron/zinc Purple Acid Phosphatase Protein (PAPL)
Alternative Name:	Iron/zinc Purple Acid Phosphatase-Like Protein (PapI) (PAPL Products)
Background:	Recommended name: Iron/zinc purple acid phosphatase-like protein. EC= 3.1.3.2
UniProt:	A5D6U8

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.