

Datasheet for ABIN1615251 **VSX2 Protein (AA 1-393) (His tag)**



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	VSX2
Protein Characteristics:	AA 1-393
Origin:	Killifish (<i>Oryzias latipes</i>)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSX2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTGKQGVALS ESLNPAEKTS LVINGGSLQP KISATNPPPR CTGFGIQEIL GLNKEPATAP RSPLSALPAG AHLIAARSVL GPAGVGVGMG LIGPAGIPSF YSQPAFLETV LADGHDVRLQ PHNRSARPLD ANQSVSSDSE DLSSSERKLS KSSVNQSKKR KRRRHRTIFT SYQLEELEKA FNEAHYPDVY AREMLAMKTE LPEDRIQVWF QNRRAKWRKR EKCWGRSTVM AEYGLYGAMV RHSIPLPESI LKSAKDGAME SCAPWLLVQD GLPINRRYSK SEYPQLFAGM HKKSMEAANL PATAKCDAPQ QPSAQRSEDV EAEEKRSDGK STISKEEMRE NSIAALRAKA QEHSAKVLGT VSPGKLLEGK QEKQAVGEKV SEPPSPTEEQ KSP
Specificity:	<i>Oryzias latipes</i> (Medaka fish) (Japanese ricefish)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	VSX2
Abstract:	VSX2 Products
Background:	Recommended name: Visual system homeobox 2. Alternative name(s): Ceh-10 homeodomain-containing homolog Homeobox protein CHX10 Transcription factor VSX2
UniProt:	Q9I9A3
Pathways:	Dopaminergic Neurogenesis

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.