

[Go to Product page](#)

Datasheet for ABIN1638443
PAX2A Protein (AA 1-410) (His tag)

Overview

Quantity:	1 mg
Target:	PAX2A
Protein Characteristics:	AA 1-410
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDIHCKADPF SAMHLSHIGH GGVNQLGGVF VNGRPLPDVV RQRIVELAHQ GVRPCDISRQ LRVSHGCVSK ILGRYYETGS IKPGVIGGSK PKVATPKVVE KIAEYKRQNP TMFAWEIRD LLAEGVCDND TVPSVSSINR IIRTKVQQPF HPSSDGTGTP LSTAGHTIVP STASPPVSSA SNDPVGSYSI NGILGIPRSN GEKRRDDVL WSGNHL DGRK IGYHGS DGS G PNSDSQGSVE SLRKHLRADA FTQQQLEALD RVFERPSYPD VFPTSEHIKP EQANEYSLPA LNPGLDEVKP SLSTSVSSDL GSSVSQSY PV VTGREMASTT LPGYPPHVPP TGQGSYPTST LAGMVP GSD F SGNPYSH PQY TTYNEAWRFS NPALLSSPYY YSAASRGSGP PTAATAYDRH
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:	PAX2A
Alternative Name:	Paired box protein Pax-2a (pax2a) (PAX2A Products)
Background:	Recommended name: Paired box protein Pax-2a. Alternative name(s): No isthmus protein Pax[Zf-b]
UniProt:	Q90268
Pathways:	Carbohydrate Homeostasis , Stem Cell Maintenance , Tube Formation

Application Details

Comment:	<p>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.</p>
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.