Datasheet for ABIN1625643

IRX1 Protein (AA 1-462) (His tag)

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Overview

Quantity:	1 mg
Target:	IRX1
Protein Characteristics:	AA 1-462
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSFPQLGYPQ YLTAGQGAVY GGERPGVLAA AAAAAAAAGR PTGAELGSCP TAAVTSVLGM YASPYSSPNY SAFLPYTTDL TLFSQMGSQY ELKDNPGVHP ATFAAHTTPG YYPYGQFQYG DPGRPKNATR ESTSTLKAWL NEHRKNPYPT KGEKIMLAII TKMTLTQVST WFANARRRLK KENKVTWGAM GKEDDNIFGS DNEGDHEKNE DDEEIDLESI DIDKIDDNDG EQSNEEEDEK LDHFRHGEKV SLKKESEVMI PSSDGLKPKD SLSLGKECSD TSNTRIVSPG GQGNIQAPPH SKPKIWSLAE TATSPDGALK SSPPPSQANH TSPQMQHPAF LPSHGLYTCQ IGKFHNWTNG AFLTQSSLIN MRSLLGVNPH HAAHHNHHHL QAHQQSTLLA TNLGSLSSDR TPERTSPKHS DRENLPRTES PPQLKPSFQA VREKTFSQQE GTSRILTALP SA
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	IRX1
Alternative Name:	Iroquois-class homeodomain protein irx-1-B (irx1-b) (IRX1 Products)
Background:	Recommended name: Iroquois-class homeodomain protein irx-1-B. Alternative name(s): Iroquois homeobox protein 1-B
UniProt:	Q2TAQ8
Pathways:	Tube Formation

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 modificated 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.