



[Go to Product page](#)

## Datasheet for ABIN1643815 IRX4 Protein (AA 1-496) (His tag)

### Overview

Quantity:	1 mg
Target:	IRX4
Protein Characteristics:	AA 1-496
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSYPQFGYPY SSTPQFLMTT NSLSTCCCESS GRSLSDSAAA ASAQTPVYCP VYESRLLATA RHELNSAAAL GVGNNPYTST QGYGNYVTYG ADASAFYSLN AFESKDGTS AHAGIPQTAA YYPYEHTLSQ YQYDRYGTMD GSSRRKNATR ETTSTLKAWL QEHRKNPYPT KGEKIMLAI TKMTLTQVST WFANARRRLK KENKMTWPPR NKCSDEKRPY DEEEEEEEEE EDSQKATIKN EKKTVDDEEV REDKALDLS LEDFDTIESE SSECELKQPF HHQPQDGHQL RQRDCVNDHC KDVILKMPLN STVNQELDRT NICLKSGVDQ CEQDVLGRQ RSGESKACFQ QQQILDSKPR IWSLAHTATS LNQTEYPSCM LKHQGLSSPS SSSSSSAVST PVCVIDRRQD SPVTSRLRNWV DGVFHDPLFR HSTLNQALTN TTVSWATTKG TLIDSGSLGR SVGNPTNVKG QLPNIPHDTN KEFIAFQKSG SKMFCS
Specificity:	Xenopus laevis (African clawed frog)
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.

## Product Details

Purity: > 90 %

## Target Details

Target: IRX4

Alternative Name: Iroquois-class homeodomain protein irx-4-A (irx4-a) ([IRX4 Products](#))

Background: Recommended name: Iroquois-class homeodomain protein irx-4-A.  
Alternative name(s): Iroquois homeobox protein 4-A

UniProt: [Q90XW6](#)

## 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.