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Datasheet for ABIN1511604 IRX3 Protein (AA 1-448) (His tag)

Overview

Quantity:	1 mg
Target:	IRX3
Protein Characteristics:	AA 1-448
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSFPQLGYQY IRPLYPSDRQ SVGVTRSGTE LSPAGTLSNV LSSVYGAPYA AAAAAQAYGA FLPYSAELPI FPQLGSQYDM KDSPGVQHAA FSHPHPAFYP YGQYQFGDPS RPKNATREST STLKAWLNEH RKNPYPTKGE KIMLAITKM TLTQVSTWFA NARRRLKKEN KMTWAPRSRT DEEGNAYGSD HEEDKHEDEE EIDLENIDTE DIESKEDLDD PDTDIHSDSK TDTRSDSEVS DGFEDLNVE DRLLKSVVGQ RQLLNEEPQD KCALSSDAKV PQPACEQIKL NRLPPSPPPQE NNMPVAHKPK IWSLAETATT PDNPRNSPNT GGSVNTQNLI AQHRLIASPG SRFQGWGTGRA FSAQQLSLLN SAHFLQGLGV SHTAPCSGNA SFPKAAESKC STNSLTDRPS TVDIEKTIPV LNTAFQPVQR RSQNHLEDAAM ILSALSSS
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: IRX3

Alternative Name: Iroquois-class homeodomain protein irx-3 (irx3) ([IRX3 Products](#))

Background: Recommended name: Iroquois-class homeodomain protein irx-3.
Alternative name(s): Iroquois homeobox protein 3.
Short name= Xiro3

UniProt: [O42261](#)

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 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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.