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Datasheet for ABIN1638465 IRX5 Protein (AA 1-474) (His tag)

Overview

Quantity:	1 mg
Target:	IRX5
Protein Characteristics:	AA 1-474
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRX5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSYPQGYLYQ PSASLALYSC PAYSTTVISG PRTDELGRSP SGSAFSPYAG STAFTASSAG FSSPLQYSGD PAAAFSTSYVG SPYDHSAGMA GSLEYHPYAA PLGIYAYGDP AYRKNASRDA TATLKAWLNE HRKNPYPTKG EKIMLAITK MTLTQVSTWF ANARRRLKKE NKMTWTTPNR SEDEDDDENI DLEKNEEDDP SKLEENGNDQ GDAGDQKRSP DGVDFVRLEG EVHLGKELDQ TRNNSELNEL DERNGHLSNS SSPPTPLCP PDQSPQAQED QNLHGHTHQS IQQLLHHSNQ PHPLDLVNRN TSVQHGPVTN NATSVIHSP ASTSKPKLWS LAEIATSSDK VKERSNAAEV AGTTAAKSMV VSASSPSRSP SAQCHFPNNT VLSRPLYYSI PFYPGYTNYG TFSHLHSHHG PSSSVNSTYH FNGINQPVLN KAEGLAKECK HISQSQDDL N KGTPYEMKKG MSSI
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: IRX5

Alternative Name: Iroquois-class homeodomain protein irx-5 (irx5) ([IRX5 Products](#))

Background: Recommended name: Iroquois-class homeodomain protein irx-5.
Alternative name(s): Iroquois homeobox protein 5

UniProt: [Q90XW5](#)

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

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