Datasheet for ABIN1632679

IRX5 Protein (AA 1-482) (His tag)

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Overview

Quantity:	1 mg
Target:	IRX5
Protein Characteristics:	AA 1-482
Origin:	Xenopus tropicalis
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 FNSPLQYSGD PAAAFTSYVG SPYDHSAGMA GSLGYHPYAA PLGTYPYGDP AYRKNATRDA TATLKAWLNE HRKNPYPTKG EKIMLAIITK MTLTQVSTWF ANARRRLKKE NKMTWTPRNR SEDEEDDENI DLEKNEEDDP RKLEEKGDQD GDAGDQKRSP SAVDFDRLEG EVRQGKELDQ TRSDSEQNEV EERNDLLSKN SAPPTSPLCP PDQSPQAQED QNLHRHTVHN HHHQSIQQLH HHSHQSHPLD LVHRNALVQH GPVTNNATSV IHSPPASTSK PKLWSLAEIA TSSDKVKESS DAAAVAGTTP AQSMVVSASS PSRSPSAQCH FPSNTVLSRP LYYSNPFYPG YTNYGTFSHL HSHHGPSTTS PTVNSTHHFS GINQTVLNRA EALAKECKLR SQSQADLNKD TPYEMKKGMS SI
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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:	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:	Q4LDQ3

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.