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Datasheet for ABIN1459350 PITX2 Protein (AA 1-333) (His tag)



Overview	
Quantity:	1 mg
Target:	PITX2
Protein Characteristics:	AA 1-333
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PITX2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS SMVPSAVTGV PGSGLNSLNN LNNLSNPSLN SAVPTPACPY APPTPPYVYR DTCNSSLASL
Product Details Sequence:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS SMVPSAVTGV PGSGLNSLNN LNNLSNPSLN SAVPTPACPY APPTPPYVYR DTCNSSLASL RLKAKQHSSF GYASVQNPAS NLSACQYPVD RPV
Product Details Sequence: Specificity:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS SMVPSAVTGV PGSGLNSLNN LNNLSNPSLN SAVPTPACPY APPTPPYVYR DTCNSSLASL RLKAKQHSSF GYASVQNPAS NLSACQYPVD RPV Gallus gallus (Chicken)
Product Details Sequence: Specificity: Characteristics:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS SMVPSAVTGV PGSGLNSLNN LNNLSNPSLN SAVPTPACPY APPTPPYVYR DTCNSSLASL RLKAKQHSSF GYASVQNPAS NLSACQYPVD RPV Gallus gallus (Chicken) Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
Product Details Sequence: Specificity: Characteristics:	MSCMKDPLSL ERLGAGNNKL CSSSPSSSSS SSSCHHQQPA LAMATALAPG QARSSLEAAK HRLEVHTISD TSSPEAAEKE KSQQGKSEDA GPEDPSKKKR QRRQRTHFTS QQLQELEATF QRNRYPDMST REEIAVWTNL TEARVRVWFK NRRAKWRKRE RNQQAELCKN GFGPQFNGLM QPYDDMYPGY SYNNWAAKGL TSASLSTKSF PFFNSMNVNP LSSQSMFSPP NSISSMSMSS SMVPSAVTGV PGSGLNSLNN LNNLSNPSLN SAVPTPACPY APPTPPYVYR DTCNSSLASL RLKAKQHSSF GYASVQNPAS NLSACQYPVD RPV Gallus gallus (Chicken) 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.

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Target Details

Target:	PITX2
Alternative Name:	Pituitary homeobox 2 (PITX2) (PITX2 Products)
Background:	Recommended name: Pituitary homeobox 2. Alternative name(s): Homeobox protein PITX2. Short name= cPITX2 Paired-like homeodomain transcription factor 2
UniProt:	093385
Pathways:	Retinoic Acid Receptor Signaling Pathway, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

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.

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