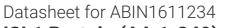
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ISL1 Protein (AA 1-349) (His tag)



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Quantity:	1 mg	
Target:	ISL1	
Protein Characteristics:	AA 1-349	
Origin:	Golden Syrian Hamster	
Source:	Yeast	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This ISL1 protein is labelled with His tag.	
Application:	ELISA	
Product Details		
Sequence:	MGDMGDPPKK KRLISLCVGC GNQIHDQYIL RVSPDLEWHA ACLKCAECNQ YLDESCTCFV	
	BUCKTACKBU AIBI ACIKUV KUSICESKNIU EAWBYBSKAA HIEUEBUAYU SBUI IBUDEE	

MGDMGDPPKK KRLISLCVGC GNQIHDQYIL RVSPDLEWHA ACLKCAECNQ YLDESCTCFV		
RDGKTYCKRD YIRLYGIKCA KCSIGFSKND FVMRARSKVY HIECFRCVAC SRQLIPGDEF		
ALREDGLFCR ADHDVVERAS LGAGDPLSPL HPARPLQMAA EPISARQPAL RPHVHKQPEK		
TTRVRTVLNE KQLHTLRTCY AANPRPDALM KEQLVEMTGL SPRVIRVWFQ NKRCKDKKRS		
IMMKQLQQQQ PNDKTNIQGM TGTPMVAASP ERHDGGLQAN PVEVQSYQPP WKVLSDFALQ		
SDIDQPAFQQ LVNFSEGGPG SNSTGSEVAS MSSQLPDTPN SMVASPIEA		
Mesocricetus auratus (Golden hamster)		
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.		
> 90 %		

Target Details

Target:	ISL1	
Alternative Name:	Insulin gene enhancer protein ISL-1 (ISL1) (ISL1 Products)	
Background:	Recommended name: Insulin gene enhancer protein ISL-1.	
	Short name= Islet-1	
UniProt:	P61373	
Pathways:	Positive Regulation of Peptide Hormone Secretion, Intracellular Steroid Hormone Receptor	
	Signaling Pathway, Peptide Hormone Metabolism, Regulation of Intracellular Steroid Hormone	
	Receptor Signaling, Nuclear Hormone Receptor Binding, Chromatin Binding	

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.	