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Datasheet for ABIN1474935 LHX1 Protein (AA 1-406) (His tag)

Overview

Quantity:	1 mg
Target:	LHX1
Protein Characteristics:	AA 1-406
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LHX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVHCAGCKRP ILDRFLLNVL DRAWHVKCVQ CCECKCNLTE KCFSREGKLY CKNDFFRCFG</p> <p>TKCAGCAQGI SPSDLVRRAR SKVFHLNCFT CMMCNKQLST GEELYIDEN KfvCKEDYLS</p> <p>NSSVAKENSL HSATTGSDPS LSPDSQDPSQ DDAKDSSESAN VSDKEGGSNE NDDQNLGAKR</p> <p>RGPRTTIKAK QLETLKAAFA ATPKPTRHIR EQLAQETGLN MRVIQVWFQN RRSKERRMKQ</p> <p>LSALGARRHA FFRSPRRMRP LVDRLEPGEL IPNGPFSFYG DYQSEYYGPG GNYDFFPQGP</p> <p>PSSQAQTPVD LPFVPSSGPS GTPLGGLDHP LPGHHPSEA QRFTDILAHF PGDSPSPEPS</p> <p>LPGPLHMSA EVFGPSPPFS SLSVNGGASY GNHLSHPPEM NEAAVW</p>
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	LHX1
Alternative Name:	LIM/homeobox protein Lhx1 (Lhx1) (LHX1 Products)
Background:	Recommended name: LIM/homeobox protein Lhx1. Short name= LIM homeobox protein 1. Alternative name(s): Homeobox protein Lim-1. Short name= Rlim
UniProt:	P63007

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 modified 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.