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Datasheet for ABIN1677901

LDLRAP1 Protein (AA 1-309) (His tag)

Overview

Quantity:	1 mg
Target:	LDLRAP1
Protein Characteristics:	AA 1-309
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LDLRAP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDALKSAGRA IIRSPSIKQ SWGGGKHKKL PENWTDRET LLEGMLFHLK YLGMTLVEQP KGEELSATAV KRIVATAKAS GKQLQKVLK VSPRGILYD STSNQLIENV SIYRISYCTA DKMHDKVFAV IAQSQQNETL ECHAFLCTKR KMAQAVTLTV AQAFKVAFEF WQVSRDKTEK REKSGSGGEG ASSSQSDGSS SITSLKASAS ANLLDLEDCT KAFDVLNASD NHIEDLFRQN ASNENNNIVW ELDDGLDEAF ARLAESRTNP QVLDIGLTAN DLQSEECLSP SSWDKLELNP AEADELFMF
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.
Purity:	> 90 %

Target Details

Target:	LDLRAP1
Alternative Name:	Low density lipoprotein receptor adapter protein 1-A (Idlrap1-a) (LDLRAP1 Products)
Background:	<p>Recommended name: Low density lipoprotein receptor adapter protein 1-A.</p> <p>Alternative name(s): Autosomal recessive hypercholesterolemia protein homolog alpha.</p> <p>Short name= ARH alpha.</p> <p>Short name= xARH alpha Phosphotyrosine-binding protein Xcat4</p>
UniProt:	Q801G1
Pathways:	Lipid Metabolism

Application Details

Comment:	<p>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.</p>
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.