Datasheet for ABIN7591095

CYR61 Protein (AA 25-379) (His tag)

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Overview

Quantity:	100 µg
Target:	CYR61
Protein Characteristics:	AA 25-379
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYR61 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	TCPAAC HCPLEAPKCA PGVGLVRDGC GCCKVCAKQL NEDCSKTQPC DHTKGLECNF GASSTALKGI CRAQSEGRPC EYNSRIYQNG ESFQPNCKHQ CTCIDGAVGC IPLCPQELSL PNLGCPNPRL VKVSGQCCEE WVCDEDSIKD SLDDQDDLLG FDASEVELTR NNELIAIGKG SSLKRLPVFG TEPRVLYNPL HAHGQKCIVQ TTSWSQCSKS CGTGISTRVT NDNSECRLVK ETRICEVRPC GQPVYSSLKK GKKCSKTKKS PEPVRFTYAG CSSVKKYRPK YCGSCVDGRC CTPLQTRTVK MRFRCEDGEM FSKNVMMIQS CKCNYNCPHP NEASFRLYSL FNDIHKFRD
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	CYR61
Alternative Name:	Protein CYR61 (Cyr61) (CYR61 Products)
Background:	Recommended name: Protein CYR61. Alternative name(s): CCN family member 1 Cysteine-rich angiogenic inducer 61 Insulin-like growth factor-binding protein 10. Short name= IBP-10. Short name= IGF-binding protein 10. Short name= IGFBP-10
UniProt:	Q9ES72
Pathways:	Positive Regulation of Endopeptidase Activity, Growth Factor 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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.