Datasheet for ABIN1046900

CSRP2 Protein (AA 2-193, full length) (His tag)

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Overview

Quantity:	100 µg
Target:	CSRP2
Protein Characteristics:	AA 2-193, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSRP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	PVWGGGNKCG ACGRTVYHAE EVQCDGRSFH RCCFLCMVCR KNLDSTTVAI HDEEIYCKSC YGKKYGPKGY GYGQGAGTLN MDRGERLGIK PESVQPHRPT TNPNTSKFAQ KYGGAEKCSR CGDSVYAAEK IIGAGKPWHK NCFRCAKCGK SLESTTLTEK EGEIYCKGCY AKNFGPKGFG YGQGAGALVH AQ
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:	CSRP2
Alternative Name:	Cysteine and glycine-rich protein 2 (CSRP2 Products)

Target Details

Background:	Drastically down-regulated in response to PDGF-BB or cell injury, that promote smooth muscle cell proliferation and dedifferentiation. Seems to play a role in the development of the embryonic vascular system.
Molecular Weight:	24.9 kD
UniProt:	Q16527

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

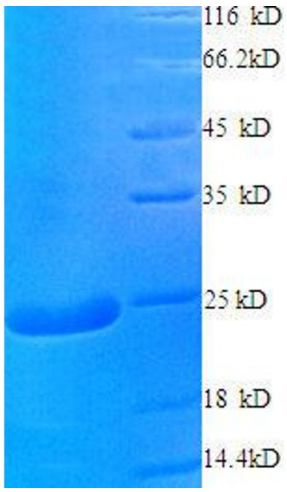
Publications

Product cited in:	Dietz, Neibergs, Womack, Kehrli: "Rapid communication: single strand conformational polymorphism (SSCP) of bovine tumor necrosis factor alpha." in: **Journal of animal science**, Vol. 75, Issue 9, pp. 2567, (1997) (PubMed).

Publications

Mertens, Muriuki, Gaidulis: "Cloning of two members of the TNF-superfamily in cattle: CD40 ligand and tumor necrosis factor alpha." in: **Immunogenetics**, Vol. 42, Issue 5, pp. 430-1, (1995) (PubMed).

Images



SDS-PAGE

Image 1. Cysteine and Glycine-Rich Protein 2 (CSRP2) (AA 2-193), (full length) protein (His tag)