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Datasheet for ABIN5713496

HAS2 Protein (AA 67-374, Cytoplasmic Domain, Cytosolic) (His tag)

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1 Image

Overview

Quantity:	100 µg
Target:	HAS2
Protein Characteristics:	Cytosolic, AA 67-374, Cytoplasmic Domain
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAS2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EHRKMKKSLE TPIKLNKTVA LCIAAYQEDP DYLRKCLQSV KRLTYPGIKV VMVIDGNSDD DLYMMDIFSE VMGRDKSATY IWKNNFHEKG PGETEESHKE SSQHVTQLVL SNKSICIMQK WGGKREVMYT AFRALGRSVD YVQVCDSDTM LDPASSVEMV KVLEEDPMVG GVGGDVQILN KYDSWISFLS SVRYWMAFNI ERACQSYFGC VQCISGPLGM YRNSLLHEFV EDWYNQEFMG NQCSFGDDRH LTNRVLSLGY ATKYTARSKC LTETPIEYLR WLNQQTRWSK SYFREWLYNA MWFHKHHL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	HAS2

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Target Details

Alternative Name:	HYAS2 (HAS2 Products)
Background:	Catalyzes the addition of GlcNAc or GlcUA monosaccharides to the nascent hyaluronan polymer. Therefore, it is essential to hyaluronan synthesis a major component of most extracellular matrices that has a structural role in tissues architectures and regulates cell adhesion, migration and differentiation. This is one of the isozymes catalyzing that reaction and it is particularly responsible for the synthesis of high molecular mass hyaluronan. Required for the transition of endocardial cushion cells into mesenchymal cells, a process crucial for heart development. May also play a role in vasculogenesis. High molecular mass hyaluronan also play a role in early contact inhibition a process which stops cell growth when cells come into contact with each other or the extracellular matrix.
Molecular Weight:	37.9 kDa
UniProt:	P70312
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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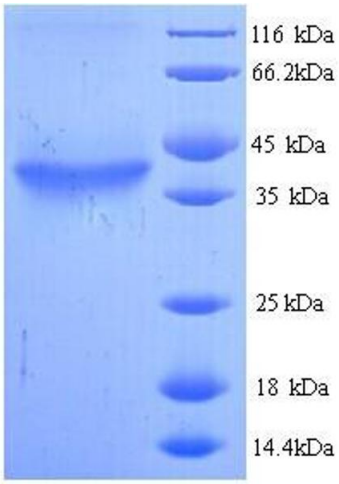

SDS-PAGE

Image 1.

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