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Datasheet for ABIN1652008  
**CSPG5 Protein (AA 19-481) (His tag)**

Overview

Quantity:	1 mg
Target:	CSPG5
Protein Characteristics:	AA 19-481
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSPG5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>AP EWPPRNGSSG RAWGGPLQSG APINSTDPLG PQLEPPGGGP ATADPTVGCM GCSGEGAASS  VPPVPDAAQD PRLGVTGPTD GDGGVVALGS PEEVGSGEQP TRAGVGPTTEG LTPRPPGLPS  PGLGLSSPGP NLGLPSLDLP NPNLGLPDNP LGLPNPSLGL PSPGPTPDRP IPNPNPSLDL  PDPGLAIQTP NLGLSNPNIP LPSPSPGPGT EPDLLPVAED SEVSMELPQP SSSPAPAQRA  RGRTDRTWLG APEPISAAPG TAEPPPIIDV DYYDVFDGGH GPGGGHGAGG AAQREPGGAA  TPWGLHELYD DFTPFDEADF YPTTSFYAEG DDDAEEEELEE DEEEEEEDG GLEDENGYRP  PASAAPRVPP PPSPTTEGTPM ARPRPGERAV PENSSECRSG YVRHNSSCRS VCDLVPSYCH  NGGQCYLVES HGAFRCRCNTQ DYTWHKGTRC EAVTDFQVL C</p>
Specificity:	Gallus gallus (Chicken)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: CSPG5

Alternative Name: Chondroitin sulfate proteoglycan 5 (CSPG5) ([CSPG5 Products](#))

Background: Recommended name: Chondroitin sulfate proteoglycan 5.  
Alternative name(s): Acidic leucine-rich EGF-like domain-containing brain protein Cleaved into the following 2 chains: 1.  
Chondroitin sulfate proteoglycan 5, 38 kDa form 2.  
Chondroitin sulfate proteoglycan 5, 80 kDa form

UniProt: [Q9DF69](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

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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

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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

## Handling

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Storage: -20 °C

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