Datasheet for ABIN6964100

NG2 Protein (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	NG2 (MCSP)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NG2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CSPG4 Protein with C-terminal 6xHis tag.
Specificity:	CSPG4 (Ala30-Ser2224) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	NG2 (MCSP)
Alternative Name:	CSPG4 (MCSP Products)
Background:	Synonymes: CSPG4A, HMW-MAA, MCSP, MCSPG, MEL-CSPG, MSK16, NG2 Description: A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on

Target Details

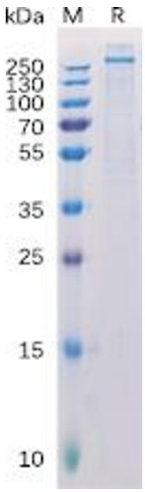
	endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 237.7 kDa after removal of the signal peptide.
Gene ID:	1464
UniProt:	Q6UVK1
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human CSPG4 Protein, His Tag on SDS-PAGE under reducing condition.