

## VCAN Protein, Human, Recombinant (B2M &amp; His &amp; Myc)

## General Information

Synonyms:	Versican core protein;Glial hyaluronate-binding protein (GHAP);Large fibroblast proteoglycan;PG-M;VCAN;Chondroitin sulfate proteoglycan core protein 2 (Chondroitin sulfate proteoglycan 2);CSPG2
Protein Construction:	3089-3354 aa
Species:	Human
Expression Host:	E. coli
Accession:	P13611
Molecular Weight:	47.6 kDa (predicted)
AA Sequence:	GPDRCKMNPCLNGGTCYPTETSYVCTCVPGYSGDQCELDFFECHSNPCRNGATCVDGFNTFRCLCLPSYVGA LCEQDTETCDYGWHKFQGGCYKYFAHRRTWDAARECRLQGAHLTSILSHEEQMFVNRVGHYQWIGLND KMFHDFRWTDGSTLQYENWRPNQPDSSSAGEDCVVIIWHENGQWNDVPCNYHLTYTCKKGTVACGQPP VVENAKTFGKMKPRYEINSLIRYHCKDGFQIRHLPTIRCLGNRWAIPKITCMN

## QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

## Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.
Shipping:	In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

## Protein Background

May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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