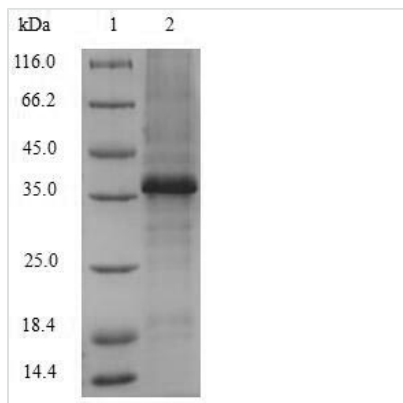




Recombinant Human Versican core protein (VCAN), partial

Product Code	CSB-BP025810HU(A5)
Relevance	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.
Abbreviation	Recombinant Human VCAN protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13611
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GPDRCKMNPCLNGGTCYPTETSIVVCTCVPGYSGDQCELD FDECHSNPCRNG ATCVDGFNTFRCLCLPSYVGALCEQDTETCDYGWHKFQGGQCYKYFAHRRTW DAAERECRLQG AHLTSILSHEEQMFVNRVGH DYQWIGLNDKMF EHFDFRWT D GSTLQYENWRPNQPDSFFSAGEDCVVIIWHENGQWNDVPCNYHLTYTCKKG TVACGQPPVVENAKTFGKMKPRYEINSLIRYHCKDGF IQRHLPTIRCLGN GRW AIPKITCMN
Research Area	Signal Transduction
Source	Baculovirus
Target Names	VCAN
Protein Names	Chondroitin sulfate proteoglycan core protein 2
Expression Region	3089-3354aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	34.6 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.