

Recombinant Human VCAN Protein (3089-3354 aa), His-Myc-tagged

Cat. No. VCAN-2811H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCAN Protein (3089-3354 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	Insect Cells
ProteinLength	3089-3354 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.6 kDa
AA Sequence	GPDRCKMNPCLNGGTCYPTETSYVCTCVPGYSGDQCELD FDECHSNPCRNGATC VDGFNTFRCLCLPSYVGALCEQDTETCDYGW HKFQGQCYKYFAHRRTWDA AERE CRLQGAHLTSILSHEEQMFVNRVGH DYQWIGLNDKMF EHDRWTDGSTLQYENWR PNQPDSFFSAGEDCVVIWHENGQWNDVPCNYHLTYTCKKGTVACGQPPVVENAK TFGKMKPRYEINSLIRYHCKDGF IQRHLPTIRCLGN GRWAIPKITCMN

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

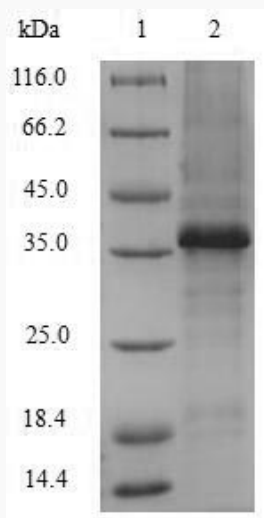
GENE INFORMATION

Gene Name	VCAN versican [Homo sapiens]
Official Symbol	VCAN
Synonyms	VCAN; versican; versican core protein; PG M; versican proteoglycan; WGN; ERVR; GHAP; PG-M; WGN1; CSPG2; DKFZp686K06110;
Gene ID	1462
mRNA Refseq	NM_001126336
Protein Refseq	NP_001119808
MIM	118661
UniProt ID	P13611

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

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