

Versican (VCAN) Recombinant Protein | VCAN recombinant protein

Recombinant Versican (VCAN)

CATALOG # AAA149288	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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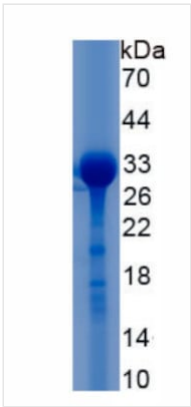
PRODUCT SYNONYMS

Versican (VCAN); Recombinant Versican (VCAN); VCAN recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 2500ug/mL (varies by lot)
Applicable Applications for VCAN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp3127~Asn3354
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	6.9
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



SDS-PAGE

DFDE CHSNPCRNGA TCVDGFNTFR
CLCLPSYVGA LCEQDTETCD YGWHKFGQC YKYFAHRRTW DAAERECRLQ
GAHLTSILSH EEQMFVNRVG HDYQWIGLND KMFEHDFRWT DGSTLQYENW
RPNQPSFFS AGEDCVVILW HENGQWMDVP CNYHLTYTCK KGTVACGQPP
VVENAKTFGK MKPRYEINSL IRYHCKDGF I QRHLPTIRCL GNGRWAIPKI
TCMN

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for VCAN recombinant protein	Developmental science; Bone metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361116
NCBI GeneID	1462
NCBI GenBank Nucleotide #	NM_004385.5
Molecular Weight	Predicted Molecular Mass: 30.3kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	versican core protein isoform 1
NCBI Official Synonym Full Names	versican
NCBI Official Symbol	VCAN
NCBI Official Synonym Symbols	WGN; ERVR; GHAP; PG-M; WGN1; CSPG2
NCBI Protein Information	versican core protein
UniProt Protein Name	Versican core protein
UniProt Gene Name	VCAN
UniProt Synonym Gene Names	CSPG2; Chondroitin sulfate proteoglycan 2; GHAP
UniProt Entry Name	CSPG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.