

Recombinant Versican (VCAN) Instruction Manual

SIPB892Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	38.1kDa
Accurate Molecular Mass	42kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu21~Asn330 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LHKAKMEENP PVKGSLSGKV ILPCHFSTLP  
TLPPDYNTSE FLRIKWSKIE VDKNGKDIKE TTVLVAQDGN IKIGQDYKGR  
VSVPTHPDDV GDASLTMVKL RASDAGVYRC DVMYGIEDTQ NTMSLAVDGV  
VFHYRAATSR YTLNFESAQQ ACLDIGAVIA TPEQLFAAYE DGFEQCDAGW  
LSDQTVRYPI RAPREGCYGD MMGKEGVRTY GFRSPQETYD VYCYVDHLDG  
DVFHITAPSK FTFEAEAEAC ANRDARLATV GELHAAWRNG FDQCDYGWLS  
DASVRHPVTV ARAQCGGGLL GVRTLRFEN
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°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.

Image



Figure . Gene Sequencing (extract)

Image

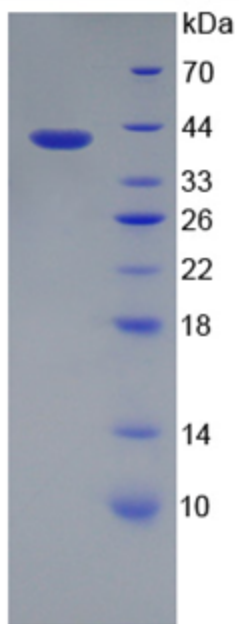


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.