

RPC127Hu01 200µg

Recombinant Decorin (DCN)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Asp31~Lys359

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.6

Predicted Molecular Mass: 37.6kDa

Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[SEQUENCE]

GPVCPFRCQC	HLRVVQCSDL	GLDKVPKDLP	DEASGIGPEV	PDDRDFEPSL
FKNLKNLHAL	ILVNNKISKV	SPGAFTPLVK	PDTLLDLQN	NKITEIKDGD
TLQELRAHEN	EITKVRKVTF	NGLNQMIVIE	LERLYLSKNQ	LKELPEKMPK
KLSYIRIADT	NITSIPQGLP	PSLTEHLHDG	LGTNPLKSSG	IENGAFAQGMK
GLSFNSISAV	DNGSLANTPH	LRELHLDNNK	NKISRVDAAAS	LKGLNNLAKL
NNNISVVGSS	DFCPPGHNTK	KASYSGVSLF	LTRVPGGLAE	HKYIQVVYLH
SAIQLGNYK			SNPVQYWEIQ	PSTFRCVYVR

[IDENTIFICATION]

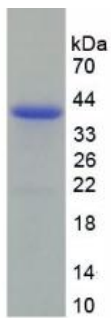


Figure. SDS-PAGE

[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.