

P92127Hu02
Decorin (DCN)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in February, 2012)

[DESCRIPTION]

Protein Names: Decorin
Synonyms: DCN, SLRR1B
Species: Human
Size: 100µg
Source: *Escherichia coli*-derived
Subcellular Location: Secreted.

[PROPERTIES]

Residues: Asp45~Leu152 (Accession # P07585), with N-terminal His-Tag.
Grade & Purity: >95%, 14 kDa as determined by SDS-PAGE reducing conditions.
Formulation: Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Endotoxin Level: <1.0 EU per 1µg (determined by the LAL method).
Applications: SDS-PAGE; WB; ELISA; IP.
(May be suitable for use in other assays to be determined by the end user.)
Predicted Molecular Mass: 13.7 kDa
Predicted isoelectric point: 8.4

[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.



[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 of the target protein. 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.(Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with a N-terminal His-tag, its sequence is listed below.

MGHHHHHSGSEF-DFEPSL GPVCPFRCQC HLRVVQCSDL GLDKVPKDLP PDTTLLDLQN NKITEIKDGD
FKNLKLNHAL ILVNNKISKV SPGAFTPLVK LERLYLSKNQ LKELPEKMPK TL

[REFERENCES]

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