

Product datasheet for AR51876PU-S

Decorin (31-359, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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| Product Type: | Recombinant Proteins |
|--|---|
| Description: | Decorin (31-359, His-tag) human recombinant protein, 50 μg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MDEASGIGPE VPDDRDFEPS LGPVCPFRCQ CHLRVVQCSDLGLDKVPKDL PPDTTLLDLQ NNKITEIKDG DFKNLKNLHA LILVNNKISK VSPGAFTPLVKLERLYLSKN QLKELPEKMP KTLQELRAHE NEITKVRKVT FNGLNQMIVI ELGTNPLKSS GIENGAFQGM KKLSYIRIAD TNITSIPQGL PPSLTELHLD GNKISRVDAA SLKGLNNLAKLGLSFNSISA VDNGSLANTP HLRELHLDNN KLTRVPGGLA EHKYIQVVYL HNNNISVVGSSDFCPPGHNT KKASYSGVSL FSNPVQYWEI QPSTFRCVYV RSAIQLGNYK |
| Tag: | His-tag |
| Predicted MW: | 38.6 kDa |
| Concentration: | lot specific |
| Purity: | >80% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris 8.0 containing 10% glycerol. |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human DCN, fused to His-tag at N-terminus, was expressed in E.coli. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | <u>NP 001911</u> |
| Locus ID: | 1634 |
| UniProt ID: | <u>P07585, Q6FH10</u> |
| Cytogenetics: | 12q21.33 |
| Synonyms: | CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B |
| | |

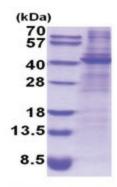


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Image: Decorin (31-359, His-tag) Human Protein - AR51876PU-SSummary:This gene encodes a member of the small leucine-rich proteoglycan family of proteins.
Alternative splicing results in multiple transcript variants, at least one of which encodes a
preproprotein that is proteolytically processed to generate the mature protein. This protein
plays a role in collagen fibril assembly. Binding of this protein to multiple cell surface
receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy
and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. This gene and
the related gene biglycan are thought to be the result of a gene duplication. Mutations in this
gene are associated with congenital stromal corneal dystrophy in human patients. [provided
by RefSeq, Nov 2015]Protein Families:Druggable Genome, Secreted Protein

Protein Pathways: TGF-beta signaling pathway

Product images:



15% SDS-PAGE (3ug)

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