

## Recombinant Mouse DCN Protein (35-354 aa), His-tagged

**Cat. No.** DCN-1377M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse DCN Protein (35-354 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 35-354 aa                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | May affect the rate of fibrils formation.                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 37.9 kDa                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | GIIPYDPDNPLISMCPYRCQCHLRVVQCSDLGLDKVPWDFPPDTTLLDLQNNKITEIK<br>EGAFKNLKDHLHTLILVNNKISKISPEAFKPLVKLERLYLSKNQLKELPEKMPRTLQELR<br>VHENEITKLKRSDFNGLNNVLVIELGGNPLKNSGIENGAFQGLKSLSYIRISDTNITAIP<br>QGLPTSLTEVHLDGNKITKVDAPSLKGLINLSKLGLSFNSITVMENGSLANVPHLREL<br>HLDNNKLLRVPAGLAQHKEYIQVVYLHNNNISAVGQNDFCRAGHPSRKASYSYSAVSLY<br>GNPVRWEIFPNTFRCVYVRSAILGNYK |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                       |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |

## GENE INFORMATION

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|------------------------|----------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Dcn decorin [ Mus musculus ]</a>             |
| <b>Official Symbol</b> | <a href="#">DCN</a>                                      |
| <b>Synonyms</b>        | DCN; decorin; DC; PG40; PGII; PGS2; mDcn; DSPG2; SLRR1B; |
| <b>Gene ID</b>         | <a href="#">13179</a>                                    |
| <b>mRNA Refseq</b>     | <a href="#">NM_001190451</a>                             |
| <b>Protein Refseq</b>  | <a href="#">NP_001177380</a>                             |
| <b>UniProt ID</b>      | <a href="#">P28654</a>                                   |

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