

## Recombinant Human FBLN2

**Cat. No.** FBLN2-28902TH    **Lot. No.** (See product label)

### SPECIFICATION

|                           |                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Recombinant fragment of Human Fibulin 2 (aa 1076-1184) with a N terminal proprietary tag: predicted molecular weight 37.62 kDa.                                                                                                                                                                                                                                                      |
| <b>Species</b>            | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>             | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>      | 109 amino acids                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>        | This gene encodes an extracellular matrix protein, which belongs to the fibulin family. This protein binds various extracellular ligands and calcium. It may play a role during organ development, in particular, during the differentiation of heart, skeletal and neuronal structures. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| <b>Molecular Weight</b>   | 37.620kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue specificity</b> | Component of both basement membranes and other connective tissues. Expressed in heart, placenta and ovary.                                                                                                                                                                                                                                                                           |
| <b>Form</b>               | Liquid                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>             | Proprietary Purification                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage buffer</b>     | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                                 |                                                                                                                     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                  | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                           |
| <b>Sequences of amino acids</b> | FLECQNSPARITHYQLNFQTGLLVPAHIFRIGPAPAFTGD TIALNIIKGNEEGYFGTRR<br>LNAYTGVVYLQRAVLEPRDFA LDVEMKLWRQGSVTTFLAKMHIFTTTFAL |
| <b>Sequence Similarities</b>    | Belongs to the fibulin family.Contains 3 anaphylatoxin-like domains.Contains 11 EGF-like domains.                   |

## GENE INFORMATION

|                            |                                                                   |
|----------------------------|-------------------------------------------------------------------|
| <b>Gene Name</b>           | FBLN2 fibulin 2 [ Homo sapiens ]                                  |
| <b>Official Symbol</b>     | FBLN2                                                             |
| <b>Synonyms</b>            | FBLN2; fibulin 2; fibulin-2;                                      |
| <b>Gene ID</b>             | 2199                                                              |
| <b>mRNA Refseq</b>         | NM_001004019                                                      |
| <b>Protein Refseq</b>      | NP_001004019                                                      |
| <b>MIM</b>                 | 135821                                                            |
| <b>Uniprot ID</b>          | P98095                                                            |
| <b>Chromosome Location</b> | 3p25-p24                                                          |
| <b>Function</b>            | calcium ion binding; extracellular matrix structural constituent; |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA