

## LUM 抗原（重组蛋白）

中文名称： LUM 抗原（重组蛋白）

英文名称： LUM Antigen (Recombinant Protein)

别名： lumican; LDC; SLRR2D

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 19-181 amino acids of human LUM

### 技术规格

|                           |   |
|---------------------------|---|
| <b>Full name:</b>         | lumican   |
| <b>Synonyms:</b>          | LDC; SLRR2D   |
| <b>Swissprot:</b>         | P51884  |
| <b>Gene Accession:</b>    | BC007038  |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE  |
| <b>Expression system:</b> | Escherichia coli  |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus  |
| <b>Background:</b>        | This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family that includes decorin, biglycan, fibromodulin, keratocan, epiphycan, and osteoglycin. In these bifunctional molecules, the protein moiety binds collagen fibrils and the highly charged hydrophilic glycosaminoglycans regulate interfibrillar spacings. Lumican is the major keratan sulfate proteoglycan of the cornea but is also distributed in interstitial collagenous matrices throughout the body. Lumican may regulate collagen fibril organization and circumferential growth, corneal transparency, and epithelial cell migration and tissue repair. |