

## Recombinant Rat Lum protein, His-tagged

**Cat. No.** Lum-5035R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Lum protein(P51886)(19-338aa), fused to N-terminal His tag, was expressed in HEK293.                                                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 19-338aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                         |
| <b>Molecular Mass</b>   | 40.5 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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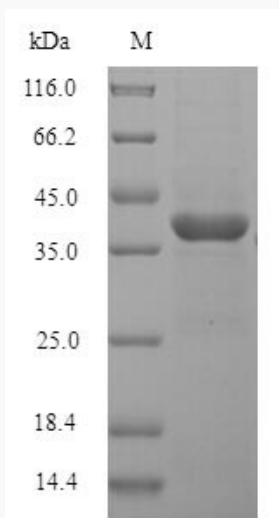
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## GENE INFORMATION

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| <b>Gene Name</b>       | Lum lumican [ <i>Rattus norvegicus</i> ]                          |
| <b>Official Symbol</b> | Lum                                                               |
| <b>Synonyms</b>        | LUM; lumican; KSPG lumican; keratan sulfate proteoglycan lumican; |
| <b>Gene ID</b>         | 81682                                                             |
| <b>mRNA Refseq</b>     | NM_031050                                                         |
| <b>Protein Refseq</b>  | NP_112312                                                         |

## SDS-PAGE



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