



# AVISCERA BIOSCIENCE

## Human Lumican Recombinant

### Product Information

Code	00523-02-10
Name	HumanLumican ,rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	19Q-338N
Protein ID	NP_002336.1
Gene ID	NM_002345
MW	50 KD
Tag	His tag on N terminal
Source	HEK293
Purity	>97% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 °C ~ -70° C
Reconstitution	100 µl

### Description

A DNA sequence encoding the mature form of human Lumican (Q<sup>19</sup>-N<sup>338</sup>) with poly His tag on the C-Terminus was expressed in *HEK293 cells*. This protein was purified by Ni-NTA column. The recombinant human LUM has a calculated molecular mass of 38 kDa. The molecular mass of the protein is approximately 45-55 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized 10 µg human Lumican in 50 µl of PBS, Carry free.

### Endotoxin

<1.0 EU per µg of protein.

### Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human Lumican (Q19-338N)

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2348 Walsh Ave, Suite C

Santa Clara, CA 95051

USA

Tel: (408) 982 0300

Fax: (408) 982 0301

Info@Aviscerabioscience.com

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