

Who is Lunginnov ?

Lunginnov is today a well-recognized manufacturer of high-quality and **cost-effective** monoclonal antibodies, recombinant proteins and immunoassays for a wide range of research and development applications.

We provide our **innovative tools** to study endothelial dysfunctions in diseases when endothelium gets challenged (sepsis, cancers, obesity, dengue fever, inflammatory diseases, diabetic retinopathies, etc.).

What is Endocan / ESM-1 ?

Endocan also called ESM-1 (endothelial cell specific molecule 1) was originally discovered as a product of endothelial cells from the lung.

Structurally, **Endocan / ESM-1 is a circulating proteoglycan** of 50 kDa, highly regulated by vascular endothelial growth factor or by tumor necrosis factor alpha. No other molecule is currently known to be a read out of endothelial activation and dysfunction.

Therefore, Endocan / ESM-1 appears as a **unique biomarker** of neoangiogenesis and of vascular remodeling in diseases.

How to buy ?

By fax: (33) 320 877 884

By e-mail: commercial@lunginnov.com

By courier:

LUNGINNOV SAS
Campus de l'Institut Pasteur de Lille
1 rue du Pr Calmette
59000 Lille
FRANCE

Online: www.lunginnov.com

Our distributors:

Please visit our website for the complete list of our distributors present all around the world

Informations

Our Recombinant Proteins are for **Research Use Only** and are not intended for Diagnostic or Therapeutic Use.

All our innovative products are manufactured in France.

All our tools to study endothelial dysfunctions have been validated by peer-reviewed publications since 2001.



Discover Our Range
Of Recombinant Proteins



Main References of Recombinant Proteins

Reference	Product Name	Application
LIP-1001-10U	Recombinant Human Endocan / ESM-1 50 kDa (10 µg)	Bioassay, WB
LIP-1001-50U	Recombinant Human Endocan / ESM-1 50 kDa (50 µg)	Bioassay, WB
LIP-1002-10U	Recombinant Human Endocan / ESM-1 20 kDa (10 µg)	Bioassay, WB
LIP-1002-50U	Recombinant Human Endocan / ESM-1 20 kDa (50 µg)	Bioassay, WB
LIP-1003-10U	Recombinant Mouse Endocan / ESM-1 50 kDa (10 µg)	Bioassay, WB
LIP-1003-50U	Recombinant Mouse Endocan / ESM-1 50 kDa (50 µg)	Bioassay, WB
LIP-1102-10U	Recombinant Mouse Endocan / ESM-1 20 kDa (10 µg)	Bioassay, WB
LIP-1102-50U	Recombinant Mouse Endocan / ESM-1 20 kDa (50 µg)	Bioassay, WB



Our Recombinant Proteins

At Lunginnov, we offered a wide range of Recombinant Proteins with various size and glycosylation. As a result of post-translational modifications, Endocan / ESM-1 is excreted as a 50 kDa dermatan sulfate proteoglycan.

Recombinant Endocans are purified by ion exchange chromatographies followed by affinity chromatography using monoclonal anti-Endocan antibodies.

They are validated for different types of applications: Western Blot (WB), Standard for Quantification, ELISA, Molecular Interactions and Bioassays.

At Lunginnov, we offer unique tools to study mouse, rat, monkey, chicken or pig Endocan / ESM-1 as pertinent biomarker of endothelial dysfunctions.

To discover all our new products, please visit our website : www.lunginnov.com

Other Products

We provide Research Use Only products as followed:

- Monoclonal antibodies
 - ELISA kits
- Recombinant proteins
 - Ancillary products

We also commercialize 3 formats of ELISA kits to quantify Endocan / ESM-1 in biological fluids:

- The DIYEK format for «Do It Yourself» ELISA Kit (LIK-1101)
- The MI-DIYEK format for «Microplate Included Do It Yourself» ELISA Kit (LIK-1201)
- The JDIEK format for «Just Do It» ELISA Kit (LIK-1205)

Monoclonal Antibodies:

We have more than 25 different references. To see all our new products, please visit our website: www.lunginnov.com

Do not hesitate to contact us for any bulk request. All our references are available in a customized form (number of vials, size, concentration, carrier-proteins, etc).