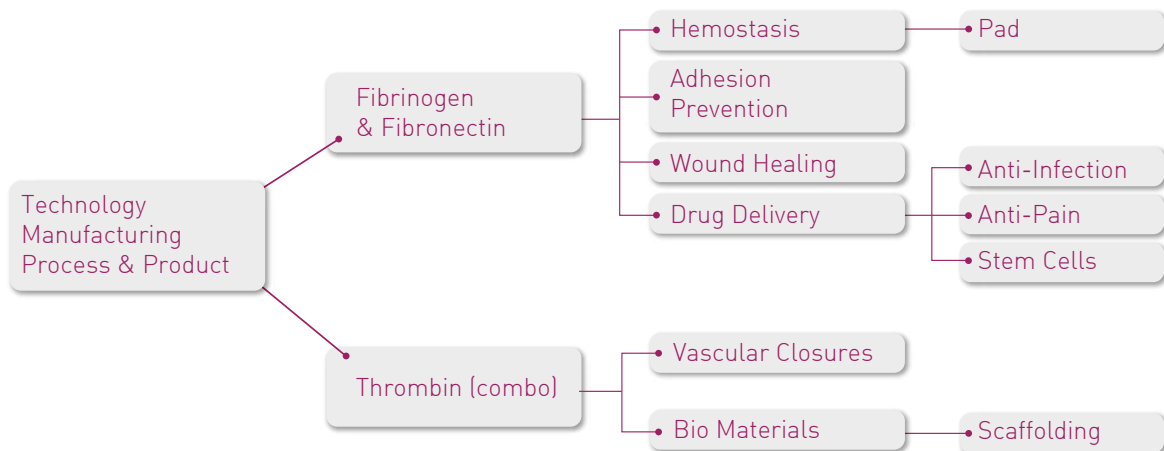




ECM (also known as Extra Cellular Matrix) are diverse in nature and composition, they can serve many functions, such as providing support, segregating tissues from one another, and regulating intercellular communication. Formation of the ECM is essential for processes like growth, wound healing and fibrosis. An understanding of ECM structure and composition also helps in comprehending the complex dynamics of cell proliferation.



Fibronectin is a natural extracellular matrix (ECM) protein that contains collagen and fibronectin integrin receptor binding domains. Fibronectin is responsible for cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis.

Fibrinogen is a soluble glycoprotein of 340 kDa consisting of 3 different chains. It is produced by the liver in concentration of approximately 2.5 g/L. As part of the coagulation process, it is converted by thrombin into fibrin during blood clot formation.

Thrombin is a serine protease known to be responsible in the coagulation system for the conversion of fibrinogen to fibrin. Thrombin's function in the nervous system has been shown to alter cell proliferation, morphology and differentiation.

Product	Pack Size	Cat #
Human Fibronectin (cell-derived)	1ml, 5ml	AK9764
Human Fibronectin (plasma-derived)	1ml, 5ml	AK9715
Human Thrombin	2mg	AK8558
Human Fibrinogen	2 mg	AK9026



Distributed by PELOBIOTECH GmbH | (P): +49 89 517 286 59-0 | Email: info@pelobiotech.com



sales@akronbiotech.com
www.akronbiotech.com