

**TABLE 2.10** Types of extracellular matrix (ECM) proteins and their functions. ECM: extracellular matrix. The table was adapted from [563].

<b>Protein</b>	<b>Function</b>
Collagen (fibrillar)	<ul style="list-style-type: none"><li>• Forming structural scaffolds</li><li>• Stiffness control and tension resistance</li><li>• Binding of adhesion molecules and some growth factors</li></ul>
Collagen (non-fibrillar)	<ul style="list-style-type: none"><li>• Aiding ECM organization and stability</li><li>• Aiding fibrillar collagen formation</li><li>• Modulation of cellular migration and proliferation</li><li>• Creating physical barriers for solute penetration to tissue</li></ul>
Fibrin	<ul style="list-style-type: none"><li>• Forming blood clots</li><li>• Stiffness control and tension resistance</li><li>• Binding of adhesion molecules</li></ul>
Elastin	<ul style="list-style-type: none"><li>• Providing elastic recoil to tissues</li></ul>
Proteoglycans	<ul style="list-style-type: none"><li>• Compression resistance</li><li>• Hindering transport of water and macromolecules</li><li>• Binding of growth factors and chemokines</li></ul>