

## Native Mouse Collagen IV protein

**Cat. No.** Col4-20M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native Mouse Collagen IV protein purified from Murine Engelbreth-Holm-Swarm (EHS) tumor.                                                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Engelbreth-Holm-Swarm (EHS) Tumor                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Collagen IV is a major component of basement membranes, which underlies epithelial and endothelial cells and surrounds muscle, fat and nerve cells. It can be used as a thin coating on tissue culture surfaces to promote cell attachment and proliferation and to study its effects on cell behavior. |
| <b>Form</b>             | 50 mM Hydrochloric Acid, 1.0 mM TCEP                                                                                                                                                                                                                                                                    |
| <b>Endotoxin</b>        | Endotoxin concentration < 20 EU/ml by LAL assay.                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Product is stable for 3 months from date of shipment when stored at –80 centigrade. For optimal stability, store in liquid nitrogen. Keep Frozen; repeated freeze-thaws will destroy product integrity.                                                                                                 |
| <b>Concentration</b>    | 0.5 mg/ml                                                                                                                                                                                                                                                                                               |

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