



MOUSE LAMININ PURIFIED PROTEIN

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| CATALOG NUMBER: | CC095 |
| LOT NUMBER: | |
| QUANTITY: | 1 mg |
| CONCENTRATION: | 1 mg/mL |
| SOURCE: | Isolated from Engelbreth-Holm-Swarm (EHS) mouse sarcoma |
| PURIFICATION: | Purified as laminin-nidogen complex from EHS sarcoma according to the method of Timpl, <i>et al.</i> (1,2). |
| SPECIFICATIONS: | Molecular weight = 850 kD; 3 chains expressed as two major bands at 200 and 400kD on SDS-PAGE. |
| PURITY: | >95% by SDS-PAGE |
| APPLICATIONS: | Promotes the adhesion and growth of human carcinoma and sarcoma cells, human retinoblastoma cells, liver cells, mouse neuroblastoma cells, mouse embryonal carcinoma cells, and seems to be involved in the development of embryonal tissue. The optimal laminin concentration may vary with the cell type and has to be determined experimentally. |
| FORMAT: | Purified protein |
| PRESENTATION: | Liquid; in 0.05 M Tris-HCl, pH 7.4, containing 0.15 M NaCl. |
| STORAGE/HANDLING: | Store at -20°C for up to six months. Thaw product carefully at 2-8°C to avoid premature gelling, and do not refreeze. Once thawed, material may be stored at 2-8°C for up to 3 months. |
| REFERENCES: | 1. Timpl, R., <i>et al.</i> , <i>J. Biol. Chem.</i> 254 :9933-9937 (1979). 2. Timpl, R., <i>et al.</i> , <i>TIBS</i> 8 :207-209 (1982). 3. Engel, J. <i>Biochem.</i> 31 :10643 (1992). |

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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