

Lacromin™ is an animal-free recombinant human lactoferrin specifically produced for cell culture applications. Lacromin is a multi-functional protein that is a potent cell growth factor with anti-apoptotic properties. Lacromin outperforms IGF and directly replaces it in most cell culture media. It is ideally suited for stem cell, primary cell, and CHO culture.

Lacromin Increases Primary Cell Growth

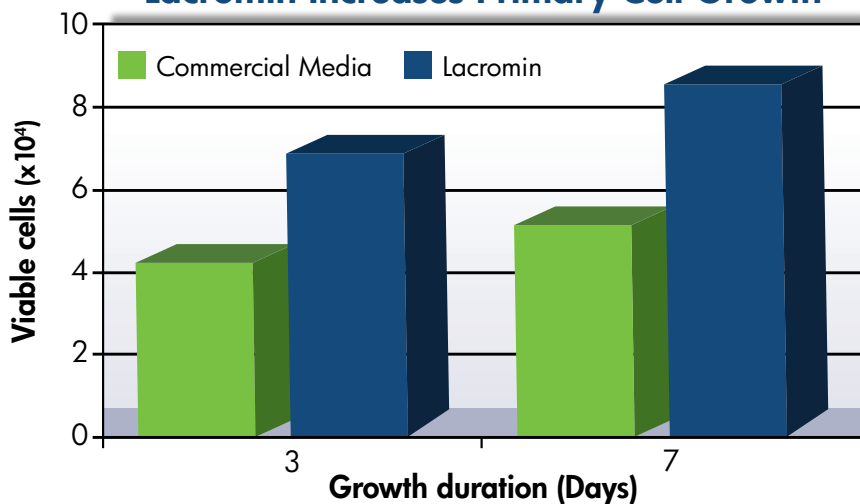


Figure 1. Comparison of Normal human skin fibroblasts grown in fibroblast growth medium either alone (Control) or supplemented with Lacromin.

Lacromin Replaces Costly Growth Factors

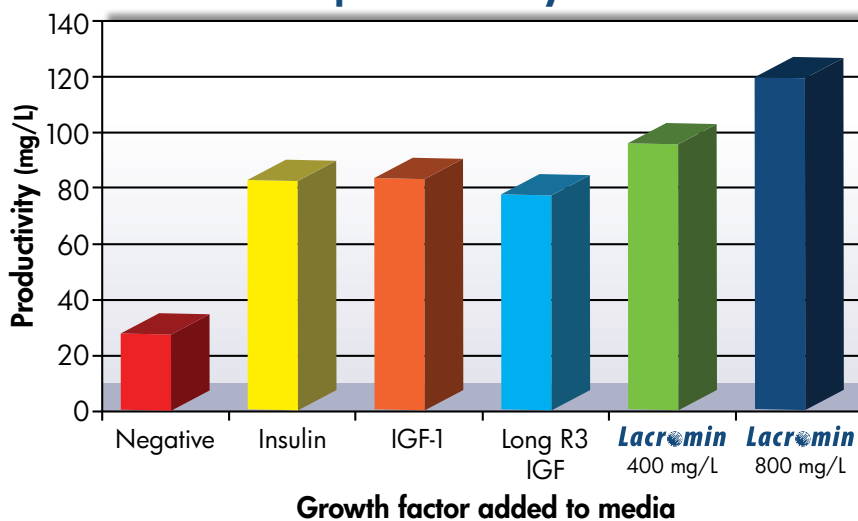


Figure 2: CHO cells were cultured for 14 days in a commercial serum-free media alone or supplemented with either insulin (10 mg/L), IGF-1 (229 µg/L), Long R3 IGF (273 µg/L), Lacromin (400 mg/L) or Lacromin (800 mg/L). Lacromin at 400 and 800 mg/L increased antibody production to higher levels than the other treatment groups.

Advantages

- Replaces the expensive growth factors IGF and Insulin
- Well defined and consistent
- Animal-free, regulatory friendly
- Maximize productivity and cell growth
- Anti-apoptotic

Lacromin is Recommended for:

Stem Cell & Regenerative Medicine Cell Lines

- Lymphocytic
- Neonatal rat hepatocyte
- Endometrial stroma
- Mouse lymph node
- Osteoblast
- Keratinocyte

Research and Production Cell Lines

- CHO
- Hybridoma
- HEK293
- MDCK
- Fibroblast
- Rat crypt
- HT29

Lacromin

Product Information

Product Name: Lacromin

Product Number: 777LAC015

Product Form: powder

Quantities Available:

Powder Sizes: 10g, 100g, 1kg, Bulk