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TECHNICAL INFORMATION

Catalog Number: 2850145
Chicken Embryo Extract

Form: Product is supplied as a 50% solution in buffer

Processing: The extract has been processed from registered flocks in the UK that have been found to be free from clinical signs of notifiable diseases.

Description: Chicken Embryo Extract is obtained from 10 day old embryos and is used as a growth factor supplement in tissue culture. The product is intended for in-vitro research use only.

Typical Use: Typically used at a concentration of 0.1% to 2% in cell culture.^{1,2,3,4,6,7}

NOTE: Any visible particulate matter are cryoprecipitates made of protein and lipid complexes. They can be removed by centrifugation or filtration and their removal will have no effect on their use in cell culture.

Availability:

Catalog Number	Description	Size
2850145	Chicken Embryo Extract	20 ml

References:

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- Erbay, E. and Chen, J., "The mammalian target of rapamycin regulates C2C12 myogenesis via a kinase-independent mechanism." *The Journal of Biological Chemistry*, v. **276** (39), 36079-36082 (2001).
- Kessler, P.D., et al., "Gene delivery to skeletal muscle results in sustained expression and systemic delivery of a therapeutic protein." *Proc. Natl. Acad. Sci. USA*, v. **93**, 14082-14087 (1996).
- Kita, K, Hiramatsu, K. and Okumura, Jun-ichi, "Influence of chicken embryo extract on protein synthesis of chicken embryo depends on cell density." *AJAS*, v. **11**(6), 107 (1998).
- Mann, C.J., et al., "Antisense-induced exon skipping and synthesis of dystrophin in the mdx mouse." *PNAS*, v. **98** (1), 42-47 (2001).
- Suzuki, K., et al., "Intracoronary Infusion of skeletal myoblasts improves cardiac function in doxorubicin-induced heart failure." *Circulation*, p. 1-213, Sept. 18, 2001.
- Yablonka-Reuveni, Z., "Myogenesis in the chicken: The onset of differentiation of adult myoblasts is influenced by tissue factors." *Basic and Applied Myology*, v. **5**(1), 33 (1995).