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TECHNICAL INFORMATION

Catalog Number: 160035

Epidermal growth factor, murine, tissue culture grade

CAS # : 62229-50-9

Molecular Weight: 6100

Synonym: EGF

Physical Description: White solid

Source: *Mouse submaxillaries*

Purification: Purified by a modification of the procedure of Cohen and others. Electrophoretically homogenous (Isoelectric focusing, Malik and Barre stain).

Form: Lyophilized from a solution of 0.01M sodium acetate.

Storage Conditions: 4°C or -20°C desiccated long term.

Sample Preparation: The sample should be dissolved in sterile water or a sterile albumin supplemented buffer. Solutions of pure EGF should be aliquoted and lyophilized, while solutions containing albumin may be stored at -20°C.

Stability: 3 months in albumin solutions at -20°C

References:

- Cohen, S., *J.B.C.*, v. **237**, 1555-1562 (1962).
- Taylor, J.M., Mitchell, W.M. and Cohen, S., *J.B.C.*, v. **247**, 5928-5934 (1972).
- Taylor, J.M., Cohen, S. and Mitchell, J.M., *PNAS*, v. **67**, 164 (1970).