9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-12036: Rat Epidermal Growth Factor

Gene : Egf
Gene ID : 25313
Uniprot ID : P07522

Description

Source: Genetically modified E.coli.
Predicted MW: Monomer, 6.3 kDa (54 aa)
Epidermal growth factor (EGF) is a growth factor that stimulates the proliferation, differentiation, and survival of epithelial and epidermal cells. EGF contains three intramolecular disulfide bonds and binds in high affinity to the epidermal growth factor receptor (EGFR).

Product Info

Amount :	100 µg / 250 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MNSNTGCPPS YDGYCLNGGV CMYVESVDRY VCNCVIGYIG ERCQHRDLRW WKLR

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Biological Activity was determined by 3T3 Proliferation. at <=1 ng/mL; >= 1.0 x 10^6 units/mg (typical ED50 is < 100 pg/mL). Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.