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EGF

Catalog # PVGS1689

Product Information

Primary Accession	Q00968
Species	Porcine
Sequence	Arg969-Arg1022
Purity	≥ 95% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	E.coli
Theoretical Molecular Weight	6.3 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution in 50mM Tris, pH8.0
Reconstitution	Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH_2O up to 100 μg/ml
Storage & Stability	Upon receiving, the lyophilized product remains stable for up to 6 months at lower than -70 °C. Upon reconstitution, the product is stable for up to 1 week at 4 °C or up to 3 months at -20 °C. Avoid repeated freeze-thaw cycles by making single-use aliquots before the solution is stored at -20 °C.

Additional Information

Gene ID	397083
Other Names	Pro-epidermal growth factor, EGF, Epidermal growth factor, EGF
Target Background	EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6 (By similarity).

Protein Information

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Cellular Location	Membrane; Single-pass type I membrane protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.