

# EGF

Catalog # PVGS1689

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q00968</a> Porcine
<b>Sequence</b>	Arg969-Arg1022
<b>Purity</b>	≥ 95% as analyzed by SDS-PAGE
<b>Endotoxin Level</b>	
<b>Expression System</b>	E.coli
<b>Theoretical Molecular Weight</b>	6.3 kDa
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in 50mM Tris, pH8.0
<b>Reconstitution</b>	Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH <sub>2</sub> O up to 100 µg/ml
<b>Storage &amp; Stability</b>	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

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<b>Gene ID</b>	397083
<b>Other Names</b>	Pro-epidermal growth factor, EGF, Epidermal growth factor, EGF
<b>Target Background</b>	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'.