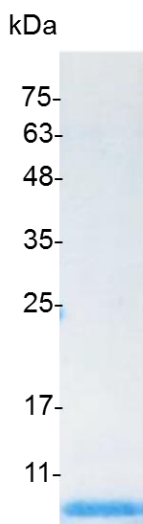


PRODUCT INFORMATION
EGF (Epidermal growth factor), Swine

Catalog number	C03020-5UG / C03020-20UG / C03020-100UG
Package	5 µg / 20 µg / 100 µg
Description	Epidermal growth factor (EGF) stimulates cell growth and differentiation by binding to its receptor, EGFR. Human EGF is a 6-kDa protein with 53 amino acid residues and three intramolecular disulfide bonds. EGF is present in various body fluids, including blood, milk, urine, saliva, seminal fluid, pancreatic juice, cerebrospinal fluid, and amniotic fluid. Biological activities ascribed to EGF include epithelial development, angiogenesis, inhibition of gastric acid secretion, fibroblast proliferation, and colony formation of epidermal cells in culture.
Source	<i>Escherichia coli</i>
Sequence	MNSYSECPPSHDGYCLHGGVCMYIEAVDSYACNCVFGYVGERCQHRDLKWW ELR with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant swine EGF

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