

Product datasheet for **AR50356PU-S**

EGF (977-1029, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	EGF (977-1029, His-tag) mouse recombinant protein, 20 µg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNSYPGC PSSYDGYCLN GGVCMHIESL DSYTCNCVIG YSGDRCQTRD LRWWELR
Tag:	His-tag
Predicted MW:	8.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse epidermal growth factor (EGF) is a 8.6 kDa globular protein containing 77 amino acids residues, including 3 intra-molecular disulfide bonds. EGF is a potent growth factor that stimulates the proliferation of various epidermal and epithelial cells. Additionally, EGF has been shown to inhibit gastric secretion, and to be involved in wound healing. EGF signals through a receptor known as c-erbB, which is a class I tyrosine kinase receptor. Recombinant mouse EGF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional column chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001297666
UniProt ID:	A0A0G2JF92 , Q3UWD7



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Synonyms: AI790464

Product images:

