

Bioactive

Egf (Mouse) Recombinant Protein

Catalog # P8553

Size 5 ug

Specification

Product Description	Mouse Egf (P01132, 977 a.a. - 1029 a.a.) partial-length recombinant protein with N-terminal His-tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMNSYPGCPSSYDGYCLNGGVCMHIESLDSYTCNCVIGYSG DRCQTRDLRWWE LR.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	8.6
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	Measured in a cell proliferation assay using mouse Balb/3T3 cell. The ED ₅₀ for this effect less or equal to 1ng/mL.
Storage Buffer	EGF protein solution (0.25mg/ml) contains 10% glycerol, 20mM Tris-HCl (pH 8.0), 0.1M NaCl & 2mM DTT.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Egf

Entrez GeneID	13645
Protein Accession#	P01132
Gene Name	Egf
Gene Alias	AI790464
Gene Description	epidermal growth factor
Gene Ontology	Hyperlink
Other Designations	Pro-epidermal growth factor precursor (EGF)