

Bioactive

Egf (Mouse) Recombinant Protein

Catalog # P4351

Size 500 ug

Specification

Product Description	Mouse Egf (P01132, 977 a.a. - 1029 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	NSYPGCPSSYDGYCLNGGVCMHIESLDSYTCNCVIGYSGDRCQTRDLRWWELR
Host	Escherichia coli
Theoretical MW (kDa)	6.2
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED ₅₀ was determined by a cell proliferation assay using balb/c 3T3 cells is ≤ 0.1 ng/mL, corresponding to a specific activity of ≥ 1 x 10 ⁷ units/mg.
Storage Buffer	Lyophilized from 2.5% glycine, 0.5% sucrose, 0.01% Tween 80, 5 mM Glutamic acid, pH 4.5
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

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)
--------------------	---