

Bioactive

Egf (Mouse) Recombinant Protein

Catalog # P7299

Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Egf (P01132, 977 a.a. - 1029 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MNSYPGCPSSYDGYCLNGGVCMHIESLDSYTCNCVIGYSGDRCQTRDLRWWELR
Host	Escherichia coli
Theoretical MW (kDa)	6.2
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method
Activity	ED ₅₀ < 0.1 ng/mL, measured by a cell proliferation assay using BALB/c 3T3 cells, corresponding to a specific activity of > 1.0 × 10 ⁷ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from PBS. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL.

Storage Instruction

Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis
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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)