

# Recombinant Mouse EGF protein ab126695

**1 References**    [画像数 1](#)

### 製品の詳細

製品名	Recombinant Mouse EGF protein
精製度	> 90 % SDS-PAGE. ab126695 was purified by conventional column chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
発現系	Escherichia coli
アクセッション番号	<b><u>P01132</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	MGSSHHHHHH SSGLVPRGSH MGSMNSYPGC PSSYDGYCLN GGVCMHIESL DSYTCNCVIG YSGDRCQTRD LRWWELR
予測される分子量	9 kDa including tags
領域	977 to 1029
タグ	His tag N-Terminus

### 特性

Our **Abpromise guarantee** covers the use of **ab126695** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Mass Spectrometry
	SDS-PAGE
質量分析	MALDI-TOF
製品の状態	Liquid

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 関連情報

### 機能

EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail *Lymnaea stagnalis* in vitro (PubMed:10964941).

### 組織特異性

Expressed in kidney, salivary gland, cerebrum and prostate.

### 関連疾患

Hypomagnesemia 4

### 配列類似性

Contains 9 EGF-like domains.

Contains 9 LDL-receptor class B repeats.

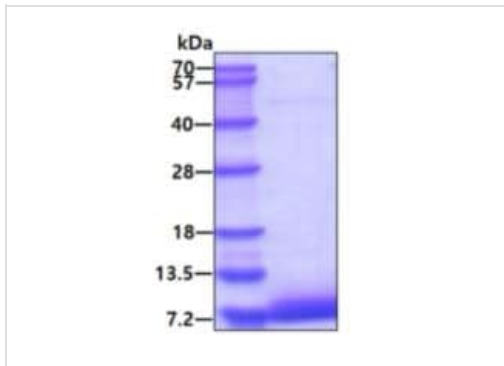
### 翻訳後修飾

O-glycosylated with core 1-like and core 2-like glycans. It is uncertain if Ser-954 or Thr-955 is O-glycosylated. The modification here shows glycan heterogeneity: HexHexNAc (major) and Hex2HexNAc2 (minor).

### 細胞内局在

Membrane.

## 画像



SDS-PAGE - Recombinant Mouse EGF protein  
(ab126695)

3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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