

Recombinant Mouse EGF protein ab126695

[1 References](#) [1 图像](#)

描述

产品名称	重组小鼠EGF蛋白
纯度	> 90 % SDS-PAGE. ab126695 was purified by conventional column chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
表达系统	Escherichia coli
Accession	<u>P01132</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	MGSSHHHHHH SGLVPRGSH MGSMNSYPGC PSSYDGYCLN GGVCMHIESL DSYTCNCVIG YSGDRCQTRD LRWWELR
预测分子量	9 kDa including tags
氨基酸	977 to 1029
标签	His tag N-Terminus

技术指标

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.

应用	Mass Spectrometry SDS-PAGE
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储	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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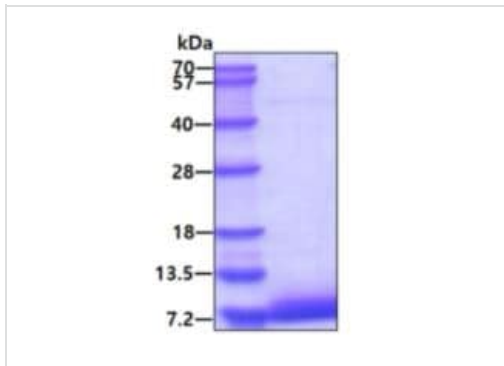
pH: 8.00

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

常规信息

功能	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 <i>Lymnaea stagnalis</i> in vitro (PubMed:10964941).
组织特异性	Expressed in kidney, salivary gland, cerebrum and prostate.
疾病相关	Hypomagnesemia 4
序列相似性	Contains 9 EGF-like domains. Contains 9 LDL-receptor class B repeats.
翻译后修饰	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).
细胞定位	Membrane.

图片



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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