

Product datasheet

Recombinant human EGF protein ab91371

画像数 1

製品の概要

製品名	Recombinant human EGF protein
タンパク質長	Full length protein

製品の詳細

由来	Recombinant
由来	Escherichia coli
アミノ酸配列	
生物種	Human

特性

Our [Abpromise guarantee](#) covers the use of **ab91371** in the following tested applications.

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

生理活性	Activity: The ED ₅₀ as determined by a cell proliferation assay using MTS assay kit with NHEK cells (normal human epidermal keratinocytes) was < 0.1 ng/ml, corresponding to a specific activity of < 1 x 10 ⁷ units/mg.
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アプリケーション	SDS-PAGE Western blot Functional Studies
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精製度	> 95 % SDS-PAGE. ab91371 is highly purified by propriety chromatographic procedures and filter sterilized.
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製品の状態	Liquid
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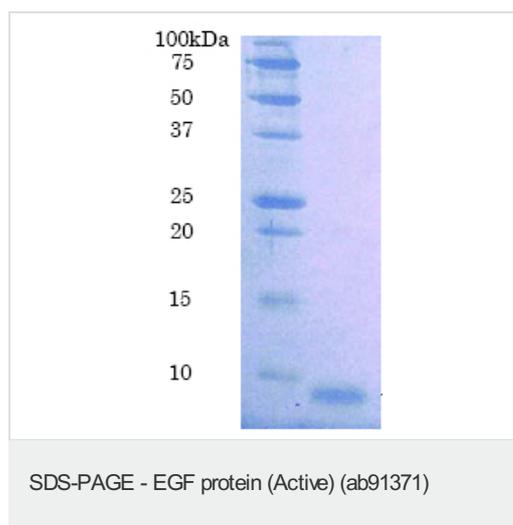
前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, 10mM Sodium phosphate, pH 7.2 This product is an active protein and may elicit a biological response in vivo, handle with caution.
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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 <i>Lymnaea stagnalis</i> 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 showing ab91371 at approximately 6.5kDa.

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