abcam

Product datasheet

Recombinant human FGF4 protein (Animal Free) ab222368

2 Images

Description

Product name	Recombinant human FGF4 protein (Animal Free)
Biological activity	The activity is determined by its ability to induce the proliferation of mouse NR6R-3T3 fibroblasts and is typically 0.25-1.25 ng/ml. Corresponding to a specific activity of 1.3 x 10^6 units/mg.
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 0.050 Eu/µg
Expression system	Escherichia coli
Accession	P08620
Protein length	Full length protein
Animal free	Yes
Nature	Recombinant
Species	Human
Sequence	MAPTAPNGTLEAELERRWESLVALSLARLPVAAQPKEAA VQSGAGDYLLG IKRLRRLYCNVGIGFHLQALPDGRIGGAHADTRDSLLELSP VERGVVSIF GVASRFFVAMSSKGKLYGSPFFTDECTFKEILLPNNYNAY ESYKYPGMFI ALSKNGKTKKGNRVSPTMKVTHFLPRL
Predicted molecular weight	15 kDa
Amino acids	31 to 206
Additional sequence information	This product is the mature full length protein from aa 31 to 206. The signal peptide is not included.

Specifications

Our **Abpromise guarantee** covers the use of **ab222368** in the following tested applications.

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

Applications	Functional Studies
	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: 0.16% Sodium phosphate, 0.44% Sodium chloride

Lyophilized from a sterile filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Centrifuge vial before opening. Suspend the product by gently pipetting sterile deionized water down the sides of the vial to a final concentration of 0.1 mg/ml. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaw.

General Info

Function

Can transform NIH 3T3 cells from a human stomach tumor (hst) and from karposi's sarcoma (KS3). It has a mitogenic activity.

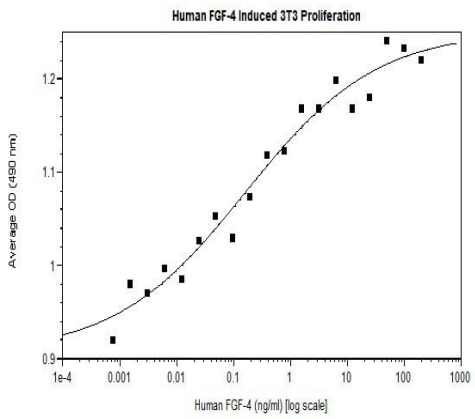
Sequence similarities

Belongs to the heparin-binding growth factors family.

Cellular localization

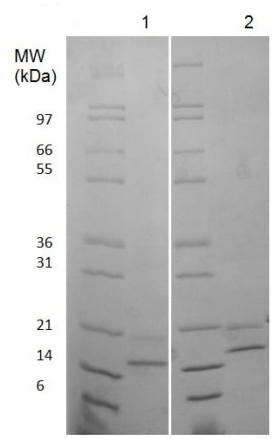
Secreted.

Images



Functional Studies - Recombinant human FGF4 protein (Animal Free) (ab222368)

Functional analysis of ab222368



SDS-PAGE - Recombinant human FGF4 protein (Animal Free) (ab222368)

1 µg ab222368 analyzed on a 4-20% Tris-Glycine gel, stained with Coomassie Blue.

Lane 1: Non-reducing conditions.

Lane 2: Reducing conditions.

ab222368 has a predicted weight of 15 kDa.

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