

Recombinant Human Fibroblast growth factor 7(FGF7)

Catalog No: tccp610615



Available Sizes

Size: 1mg



Specifications

Species Reactivity:

Homo sapiens (Human)

Target:

FGF7

Form:

Lyophilized powder

Storage Buffer:

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Recommended Dilution:

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Source:

E.coli

Purity / Grade:

>85% (SDS-PAGE)

Storage Instruction:

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Alternative Names:

FGF 7; FGF-7; Fgf7; FGF7_HUMAN; Fibroblast growth factor 7; HBGF 7; HBGF-7; HBGF7; Heparin binding growth factor 7; Heparin-binding growth factor 7; Keratinocyte growth factor; KGF

SwissProt:

P21781

Sequence:

CNDMTPEQM ATNVNCSSPE RHTRSYDYME GGDIRVRLRF CRTQWYLRID KRGKVKGTQE MKNNYNIMEI RTVAVGIVAI
KGVSEFYLA MNKEGKLYAK KECNEDCNFK ELILENHNT YASAKWTHNG GEMFVALNQG GIPVRGKTK KEQKTAHFLP MAIT

Notes

Full Length of Mature Protein , Expression Region 32-194 ,

Product Description

Function: Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation.

Gene References into Functions :

Low KGF expression is associated with epithelial ovarian cancer cell proliferation and invasion. PMID: 29970688

Findings suggest that excessive KGF and KGFR synthesis may contribute to the hyperproliferative state in cholesteatoma and could explain the pathological difference between cholesteatoma and CSOM. PMID: 29556625

Results suggest that fibroblast growth factor 7 may stimulate endometrial stromal cells proliferation and insulin-like growth factor-binding protein 1 and prolactin expressions through ERK and JNK signal pathways in an autocrine manner. PMID: 28270036.

The stability and activity of rhKGF mutants were analyzed using GROMACS molecular.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!