

Recombinant Human Fibroblast growth factor 10(FGF10)

Catalog No: tccp10597



Available Sizes

Size: 1mg

Size: 20μg

Size: 100μg



Specifications

Research Area:

Cardiovascular

Species Reactivity:

Homo sapiens (Human)

Target:

FGF10

Form:

Liquid or Lyophilized powder (special requirement available for the format)

Storage Buffer:

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.

If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Recommended Dilution:

Reconstitution: 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.

Protein Length:

Full Length of Mature Protein

Source:

E.coli

Purity / Grade:

Greater than 90% as determined by SDS-PAGE.

Amino Acids:

38-208aa

Storage Instruction:

Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Alternative Names:

BB213776 ; fd11d03; FGF 10; FGF-10; FGF10; FGF10_HUMAN; Fibroblast growth factor 10; Keratinocyte growth factor 2; KGF 2; Produced by fibroblasts of urinary bladder lamina propria; wu:fd11d03; zgc:109774

SwissProt:

O15520

Calculated Molecular Weight:

46.3kDa

Sequence:

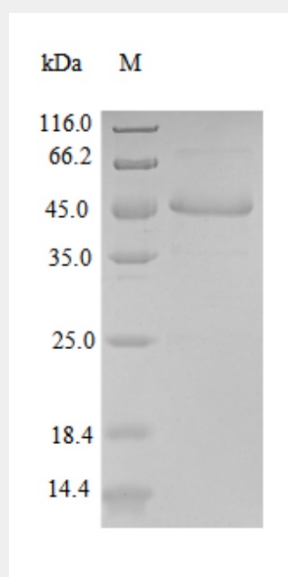
QALGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVRWRKLFSTKYFLKIEKNGKVSGTKKENCPYSILEITSVEIGVVAVKAINS
NYYLAMNKKKGKLYGSKEFNNDCKLKERIEENGYNTYASFNWQHNGRQMYVALNGKGAPRRGQKTRRKNTSAHFLPMVVHS

Tags:

N-terminal GST-tagged

Product Description

Recombinant Human Fibroblast growth factor 10(FGF10) Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. May play a role in wound healing.



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