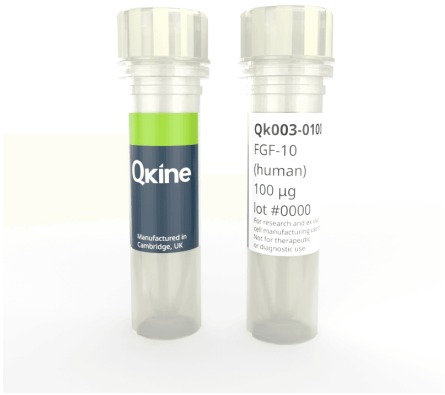
orders@qkine.com
support@qkine.com

Recombinant human FGF-10 protein (Qk003)



Type: Stem cells

Available for purchase: Unit Size (µg): 25, 50, 100, 500, 1000

Buy online with secure credit card or purchase order.
View this product and buy online

Product Information

Human fibroblast growth factor 10 (FGF-10) protein promotes lung organoid formation and induces branching morphology. FGF-10 protein is used widely in organoid culture, embryonic stem cell (ESC) and induced-pluripotent stem cell (iPSC) differentiation, and for the study of epithelial to mesenchymal transition (EMT) and tumor metastasis.

Qkine Qk003 is a high purity and bioactivity 17 kDa bioactive domain of human FGF-10, animal origin-free (AOF) and carrier-protein free (CF).

This protein is also available as GMP compliant Cell Therapy Grade, to enquire email support@qkine.com.

Alternative protein names

Fibroblast Growth Factor 10, FGFA, KGF2, Keratinocyte growth factor 2, FGF10, FGF 10, Qk3, Qk03

Molecular weight

17 kDa

Protein Uniprot number

High purity human FGF-10 protein (residues 64-208, Uniprot: O15520)

Species reactivity

- human

- species similarity:
- mouse - 94%
- rat - 100%
- bovine - 99%
- porcine - 99%

Product Information

- >98%, by SDS-PAGE quantitative densitometry
- Expressed in *E. coli*
- Animal origin-free (AOF) and carrier protein-free
- Manufactured in our Cambridge, UK laboratories
- Lyophilized from HEPES, NaCl, mannitol

Reconstitution instructions

- Resuspend in sterile-filtered water at >50 µg/ml

Featured applications

- Differentiation of embryonic stem cells into gut-like structures, cardiomyocytes and hepatocytes
- Epithelial to mesenchymal transition

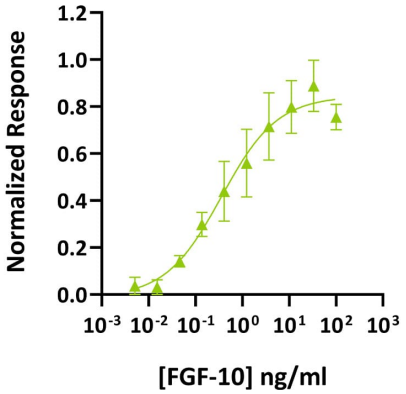
Further quality assays

- Mass spectrometry: single species with expected mass
- Recovery from stock vial: >95%
- Endotoxin: <0.05 EU/µg protein

Scientific Information

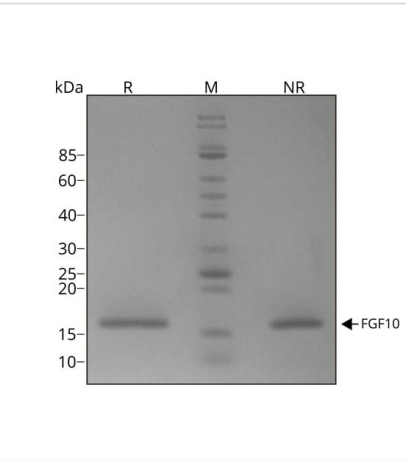
Bioactivity

FGF-10 activity was determined using the firefly luciferase reporter assay in stably transfected HEK293T cells. Cells are treated in triplicate with a serial dilution of FGF-10. Firefly luciferase activity is measured and normalized. EC50 = 0.36 ng/ml (21.1 pM). Data from Qk003 lot #104403.



Purity

FGF-10 migrates as a single band at 17 kDa in non-reducing (NR) conditions and upon reduction (R). No contaminating protein bands are visible. Purified recombinant human FGF-10 protein (7 µg) was resolved using 15% w/v SDS-PAGE in reduced (+β-mercaptothanol, R) and non-reduced conditions (NR) and stained with Coomassie Brilliant Blue R250. Data from Qk003 lot #010.



Original product page: https://qkine.com/product/recombinant-human-fgf10-protein/

PDF generated: 13 October 2026

Copyright © 2026 by Qkine Ltd. All rights reserved including graphics and images.