

FGF-4, human recombinant protein
FGF4; HBGF-4; HST; HST-1; HSTF1; K-FGF; KFGF
Catalog # PBV10065r

Specification

FGF-4, human recombinant protein - Product info

Primary Accession [P08620](#)
Calculated MW **19.0 kDa**

FGF-4, human recombinant protein - Additional Info

Gene ID	2249
Gene Symbol	FGF-4
Other Names	
FGF4; HBGF-4; HST; HST-1; HSTF1; K-FGF; KFGF, Heparin secretory-transforming protein 1, Heparin-binding growth factor 4, Transforming protein KS3	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥97%
Assay2&Purity2	HPLC;
Recombinant	Yes
Results	.25-1.25 ng/ml.
Target/Specificity	
FGF-4	

Application Notes

When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile H₂O at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from a sterile solution containing 10 mM Sodium phosphate buffer and 75 mM NaCl.

FGF-4, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF-4, human recombinant protein - Images**FGF-4, human recombinant protein - Background**

Fibroblast Growth Factor 4 (FGF-4) is a growth factor predominantly expressed during embryonic development, playing a key role in limb development. In culture, FGF-4 has been shown to be an important growth factor for fibroblasts and endothelial cells. Human FGF-4 shares high homology and cross-reactivity with the mouse protein. Recombinant human FGF-4, produced in E.coli, is a non-glycosylated protein containing 177 amino acids and having a total molecular mass of 19 kDa.

FGF-4, human recombinant protein - References

Mayshar Y., et al. Stem Cells 26:767-774(2008).
Yoshida T., et al. Proc. Natl. Acad. Sci. U.S.A. 84:7305-7309(1987).
Taira M., et al. Proc. Natl. Acad. Sci. U.S.A. 84:2980-2984(1987).
Delli-Bovi P., et al. Cell 50:729-737(1987).
Ornitz D.M., et al. J. Biol. Chem. 271:15292-15297(1996).