

FGF-5, human recombinant protein
Fibroblast Growth Factor-5, HBGF-5, Smag-82
Catalog # PBV10777r**Specification**

FGF-5, human recombinant protein - Product info

Primary Accession [P12034](#)
Calculated MW **27.6 kDa** KDa

FGF-5, human recombinant protein - Additional Info

Gene ID	2250
Gene Symbol	FGF5
Other Names	
Fibroblast Growth Factor-5, HBGF-5, Smag-82	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	MAWAHGEKRL APKGQPGPAA TDRNPIGSSS RQSSSSAMSS SSASSSPAAS LGSQGSGLEQ SSFQWSPSGR RTGSLYCRVG IGFHLQIYPD GKVNGSHEAN MLSVLEIFAV SQGIVGIRGV FSNKFLAMSK KGKLHASAKF TDDCKFRERF QENSYNTYAS AIHRTEKTGR EWYVALNKRK KAKRGCSPRV KPQHISTHFL PRFKQSEQPE LSFTVTVPEK KNPPSPIKSK IPLSAPRKNT NSVKYRLKFR FG

Target/Specificity
FGF-5

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 5 mM Tris, pH 7.5, and 25 mM NaCl.

FGF-5, 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-5, human recombinant protein - Images

FGF-5, human recombinant protein - Background

FGF-5 is a secreted heparin binding growth factor that belongs to the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-5 binds to FGFR 1c and 2c, and plays a regulatory role in the hair growth cycle. Recombinant human FGF-5 is a 27.6 kDa protein consisting of 252 amino acid residues.

FGF-5, human recombinant protein - References

Haub O.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:8022-8026(1990).
Zhan X.,et al.Mol. Cell. Biol. 8:3487-3495(1988).
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de Vries C.J.M.,et al.J. Biol. Chem. 275:23939-23947(2000).
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