

FGF-6, human recombinant protein

Fibroblast Growth Factor-6, HBGF-6, HST-2 Catalog # PBV10778r

Specification

FGF-6, human recombinant protein - Product info

| Primary Accession | <u>P10767</u> | |
|-------------------|---------------|---|
| Calculated MW | 18.7 kDa KD | a |

FGF-6, human recombinant protein - Additional Info

| Gene ID | 2251 |
|---|------|
| Gene Symbol | FGF6 |
| Other Names | |
| Fibroblast Growth Factor-6. HBGF-6. HST-2 | |

| Gene Source | Human |
|----------------|----------------------------------|
| Source | E.COII |
| Assay&Purity | SDS-PAGE; ≥95% |
| Assay2&Purity2 | HPLC; |
| Recombinant | Yes |
| Sequence | MGTRANNTLL DSRGWGTLLS RSRAGLAGEI |
| | AGVNWESGYL VGIKRQRRLY CNVGIGFHLQ |
| | VLPDGRISGT HEENPYSLLE ISTVERGVVS |
| | LFGVRSALFV AMNSKGRLYA TPSFQEECKF |
| | RETLLPNNYN AYESDLYQGT YIALSKYGRV |
| | KRGSKVSPIM TVTHFLPRI |

Target/Specificity FGF-6

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of \leq 0.5 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 10 mM Tris, pH 7.5, and 50 mM NaCl.

FGF-6, human recombinant protein - Protocols

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

Western Blot



- Blocking Peptides
- <u>Dot Blot</u>
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

FGF-6, human recombinant protein - Images

FGF-6, human recombinant protein - Background

FGF-6 is a secreted heparin binding growth factor that is a member of 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-6 is expressed in leukemia cell lines with platelet megakaryocytic differentiation potential. It signals through FGFR 1c, 2c, and 4. Recombinant human FGF-6 is an 18.7 kDa protein consisting of 168 amino acid residues.

FGF-6, human recombinant protein - References

Coulier F.,et al.Oncogene 6:1437-1444(1991). lida S.,et al.Oncogene 7:303-309(1992). Marics I.,et al.Oncogene 4:335-340(1989). Ornitz D.M.,et al.J. Biol. Chem. 271:15292-15297(1996). Turner N.,et al.Nat. Rev. Cancer 10:116-129(2010).