

Recombinant Human FGF-18

Catalog No: #GP13646

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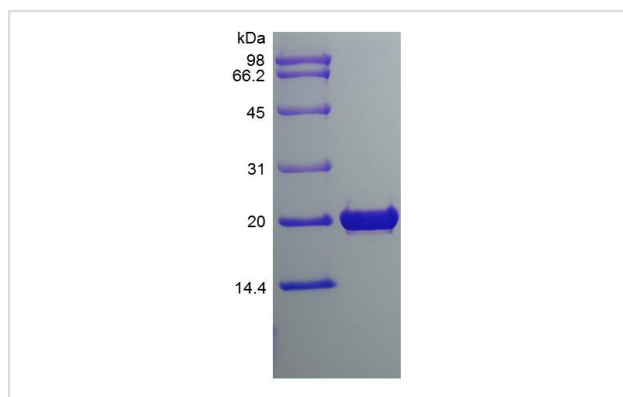
Description

Product Name	Recombinant Human FGF-18
Brief Description	Recombinant Proteins
Host Species	E.coli
Immunogen Description	a single non-glycosylated polypeptide chain containing 173 amino acids.
Uniprot	O76093
Calculated MW	20.2 kDa
Target Sequence	AEENVDFRIH VENQTRARDD VSRKQLRLYQ LYSRTSGKHI QVLGRRISAR GEDGDKYAQL LVETDTFGSQ VRIKGKETEF YLCMNRKGKL VGKPDGTSKE CVFIEKVLEN NYTALMSAKY SGWYVGFTKK GRPRKGPKTR ENQQDVHFMK RYPKGQPELQ KPFGYTTVTK RSR
Formulation	Lyophilized from a 0.2um filtered concentrated solution in 20mM PB, 500mM NaCl, pH 7.4.
Storage	This lyophilized preparation is stable for several weeks at 2-8 °C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C . For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C . Avoid repeated freeze/thaw cycles.

Application Details

SDS-PAGE β 95% HPLCβ 95%

Images



Background

Fibroblast growth factor 18 (FGF18) belongs to the large FGF family which has at least 23 members. FGF18 is a heparin binding growth factor with a core 120 amino acid (aa) FGF domain that allows for a common tertiary structure. FGFs are expressed during embryonic development and in restricted adult tissues. FGF-18 is an essential regulator of long bone and calvarial development. FGF-18 signals through FGFR 1c, 2c, 3c, and 4.

Note: This product is for in vitro research use only