

# FGF-Max

## (Recombinant human FGF-1/FGF-2 chimera)

<b>CODE No.</b>	J2-003
<b>FORM</b>	lyophilized
<b>QUANTITY</b>	50 µg
<b>DESCRIPTION</b>	Recombinant chimeric protein of FGF-1 (FGF-acidic) and FGF-2 (FGF-basic) expressed in <i>E. coli</i> .
<b>MOLECULAR WEIGHT</b>	15.5 kDa The molecular weight was calculated from the amino acid sequence.
<b>PURITY</b>	> 90% by SDS-PAGE
<b>ENDOTOXIN LEVEL</b>	< 0.1 EU/µg by the LAL assay.
<b>FORMULATION</b>	Lyophilized from 20 mM Tris-HCl (pH7.4) containing 0.5 M NaCl and 1% Trehalose.
<b>RECONSTITUTION</b>	Reconstitute with 250 µL of ice-cold distilled water on ice.
<b>STORAGE</b>	Store at -20°C or below.
<b>EXPIRATION</b>	Lyophilized FGF-Max is stable for 30 months from the date of manufacture when store at -20°C or below. After reconstitution, it can be stable for 1 week at 4°C. Or, prepare appropriate aliquots and freeze them at -80°C using low retention tube. Avoid repeated freezing and thawing.
<b>DIRECTION for USE</b>	As a pan-FGFR agonist

## REFERENCE

- 1) Imamura T, *et al.*, Identification of the domain within fibroblast growth factor-1 responsible for heparin-dependence., *Biochim Biophys Acta* **1266** (1995) [PMID: 7742376]

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