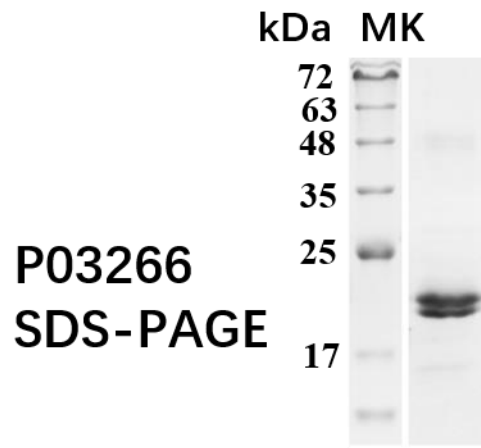


## Recombinant human FGF1 protein

Catalog#:P03266    Derived from E.coli

<b>DESCRIPTION</b>	Recombinant Human FGF1 protein is produced by our E.coli expression system with His tag. Uniprot: P05230 Gene ID: 2246
<b>Size</b>	17 kDa
<b>FORMULATION</b>	Lyophilized from a 0.2 µm filtered solution of Tris-HCl, PH 8.0.
<b>SHIPPING</b>	The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.
<b>STORAGE</b>	Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.
<b>RECONSTITUTION</b>	Reconstituted protein solution can be diluted with distilled PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>QUALITY CONTROL</b>	(Liquid)Concentration: 1 mg/mL as determined by BCA. Purity: 85% as determined by reducing SDS-PAGE.
<b>AMINOACID</b>	Recombinant protein is produced by our E.coli expression system and the target gene encoding 1-155aa is expressed with a 6*His tag at the N-terminus.
<b>BACKGROUND</b>	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described.



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