# Recombinant Mouse Fibroblast growth factor 4 (Fgf4)

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| **Product Code** | CSB-YP008631MO |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | P11403 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Mus musculus (Mouse) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | A PNGTRHAELG HGWDGLVARS LARLPVAAQP PQAAVRSGAG DYLLGLKRLR RLYCNVGIGF HLQVLPDGRI GGVHADTRDS LLELSPVQRG VVSIFGVASR FFVAMSSRGK LFGVPFFTDE CKFKEILLPN NYNAYESYAY PGMFMALSKN GRTKKGNRVS PTMKVTHFLP RL |
| **Source** | Yeast |
| **Target Names** | Fgf4 |
| **Protein Names** | Recommended name: Fibroblast growth factor 4 Short name= FGF-4 Alternative name(s): Heparin-binding growth factor 4 Short name= HBGF-4 K-fibroblast growth factor |
| **Expression Region** | 30-202 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | Full Length of Mature Protein |
| **Target Details** | This protein 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 gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway. |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life |

of lyophilized form is 12 months at -20°C/-80°C.