Recombinant Mouse Fgf4 Protein, His-tagged

Cat. No. Fgf4-1496M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf4 Protein (Ala30-Leu202) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala30-Leu202
Description	Predicted to enable fibroblast growth factor receptor binding activity and growth factor activity. Acts upstream of or within several processes, including animal organ morphogenesis; cellular response to leukemia inhibitory factor; and positive regulation of macromolecule metabolic process. Predicted to be located in extracellular region. Predicted to be active in cytoplasm and extracellular space. Is expressed in several structures, including branchial pouch; cerebellum; embryo mesenchyme; surface ectoderm; and tooth. Orthologous to human FGF4 (fibroblast growth factor 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.7 kDa Accurate Molecular Mass: 23 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

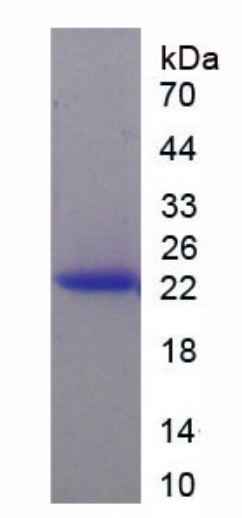
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Fgf4 fibroblast growth factor 4 [Mus musculus (house mouse)]
Official Symbol	Fgf4
Synonyms	FGF4; fibroblast growth factor 4; HBGF-4; K-fibroblast growth factor; heparin-binding growth factor 4; KS3; hst; Fgfk; Hst1; kFGF; Fgf-4; hst-1; Hstf-1; MGC129266; MGC129267;
Gene ID	14175
mRNA Refseq	NM_010202
Protein Refseq	NP_034332
UniProt ID	P11403

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA