

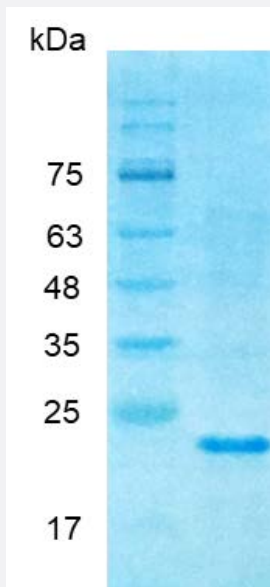
Bioactive

FGF11 (Human) Recombinant Protein

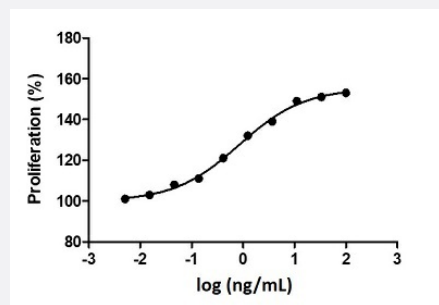
Catalog # P7824

Size 20 ug

Applications



SDS-PAGE analysis of FGF11 (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human FGF11 recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.

Sequence

MSLSPEPQLKGMVTKLFCRQGFYLANPDGSIQGTPEdTSSFTHFNLIPVGLRVVTIQSAKLGHYMA
MNAEGLLYSSPHFTAECRFKECVFENYVLYASALYRQRRSGRAWYGLDKEGQVMKGNRVKKT
KAAAHFLPKLLEVAMYQEPSLHSVPEASPSSPPAP with polyhistidine tag at the C-terminus.

Host

Escherichia coli

Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ni-NTA chromatography
Purity	> 98% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Activity	ED ₅₀ < 1 ng/mL, Measured by the induction of 3T3 cells proliferation.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of FGF11 (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at -20°C to -80°C. The product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FGF11

Entrez GeneID	2256
Gene Name	FGF11
Gene Alias	FHF3, FLJ16061, MGC102953, MGC45269
Gene Description	fibroblast growth factor 11
Omim ID	601514

Gene Ontology[Hyperlink](#)**Gene Summary**

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. The function of this gene has not yet been determined. The expression pattern of the mouse homolog implies a role in nervous system development. [provided by RefSeq]

Other Designations

fibroblast growth factor homologous factor 3

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)