

Product datasheet for TP728190

OriGene Technologies, Inc.

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Recombinant FGF-11 isoform 1 (Fibroblast growth factor-11 isoform 1), Human

Product data:

Product Type: Recombinant Proteins

Description: Recombinant FGF-11 isoform 1 (Fibroblast growth factor-11 isoform 1), Human

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MAALASSLIRQKREVREPGGSRPVSAQRRVCPRGTKSLCQKQLLILLSKVRLCGGRPARPDRGPEPQLKGIVTKLFCRQGFYLQANPDGSIQGTPEDTSSFTHFNLIPVGLRVVTIQSAKLGHYMAMNAEGLLYSSPHFTAE

 ${\tt CRFKECVFENYYVLYASALYRQRRSGRAWYLGLDKEGQVMKGNRVKKTKAAAHFLPKLLEVAMYQEPSLH}$

SVPEASPSSPPAP with polyhistidine tag at the C-terminus.

Tag: His Tag (C-term)

Predicted MW: The protein has a calculated MW of 25.81 kDa. The protein migrates as 30 kDa under

reducing condition (SDS-PAGE analysis).

Purity: >98% as determined by SDS-PAGE.

Buffer: The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4.

Bioactivity: Measure by its ability to induce 3T3 cells proliferation. The ED₅₀ for this effect is <0.2 ng/mL.

Endotoxin: <0.01 EU per 1 µg of the protein by the LAL method.

Reconstitution Method: Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the

lyophilized protein in sterile H_2O to a concentration not less than 100 $\mu g/mL$ and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved.

Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Applications: Cell culture

Storage: Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to

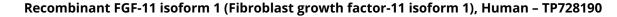
8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -

20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.

UniProt ID: Q92914

Synonyms: FHF-3, FHF3







Summary:

The Fibroblast Growth Factors (FGF) family has two group, secreted FGFs and intracellular FGFs (iFGFs). iFGFs are related to voltage-gated sodium (Nav) channels. Human FGF-11 isoform 1 is a 25 kDa cytokine with 225 amino acid residues.