Human FGF13 Protein, His Tag

Catalog # FG3-H5143

Synonyms

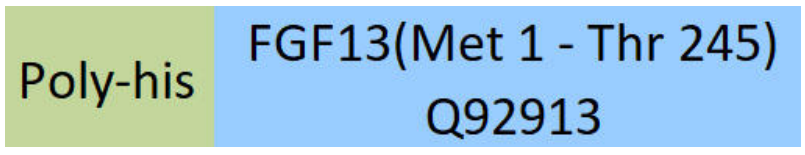
FGF13

Source

Human FGF13 Protein, His Tag (FG3-H5143) is expressed from *E. coli* cells. It contains AA Met 1 - Thr 245 (Accession # Q92913).

Predicted N-terminus: Met

Molecular Characterization



This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 29.6 kDa. The protein migrates as 33-35 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE).

Purity

>90% as determined by SDS-PAGE.

Formulation

Supplied as 0.2 μm filtered solution in 20 mM Tris, 0.5 M NaCl, 0.5 M Arginine, pH8.0 with glycerol as protectant.

Contact us for customized product form or formulation.

Shipping and Storage

This product is supplied and shipped on dry ice.

Please avoid repeated freeze-thaw cycles.

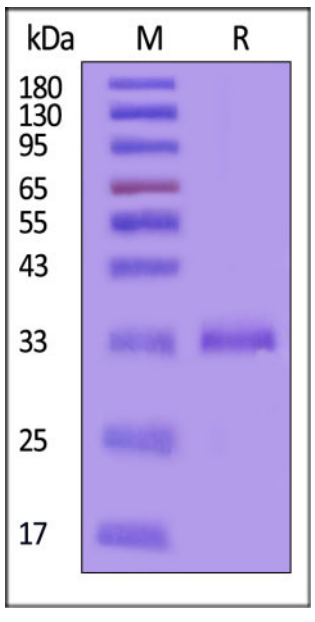
This product is stable after storage at:

- The product MUST be stored at -70°C or lower upon receipt;
- -70°C for 3 months under sterile conditions.

ACRO Quality Management System

- QMS(ISO, GMP)
- Quality Advantages
- Quality Control Process

SDS-PAGE



Human FGF13 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With Star Ribbon Pre-stained Protein Marker).

Background

Fibroblast Growth Factor 13 (FGF13) is an intracellular protein mainly expressed in the nervous system and heart. Unlike other FGFs, it doesn't bind external receptors; instead, it stabilizes microtubules and regulates sodium channels. FGF13 is essential for brain development and cardiac rhythm, and its malfunction is linked to epilepsy and chronic pain.