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FGF-12
Catalog # PVGS1648

Specification

FGF-12 - Product Information

Primary Accession P61328-2

Species
Human

Sequence
Met1-Thr181

Purity
> 95% as analyzed by SDS-PAGE

Endotoxin Level
< 1 EU/ µg of protein by LAL method

Biological Activity
Immobilized Human FGF-12 at 2.0 ug/ml can bind Human FGFR3-Fc. The ED₅₀ of Human FGF-12 is 0.5-4.0 µg/ml.

Expression System
E. coli

Formulation **Lyophilized from a 0.2 µm filtered solution in 20 mM PB, 150 mM NaCl, 5 mM EDTA, pH 7.5.**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in distilled water up to 100 µg/ml.

Storage & Stability
Upon receiving, this product remains stable for up to 6 months at -70°C or -20°C. Upon reconstitution, the product should be stable for up to 1 week at 4-7°C and up to 3 months at -20 °C or below. Avoid repeated freeze-thaw cycles.

FGF-12 - Additional Information

Target Background
Fibroblast Growth Factor 12 (FGF-12) is a member of the fibroblast growth factor (FGF) family. FGF-12 is probably involved in nervous system development and function. FGF-12 lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.

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FGF-12 - Protein Information

FGF-12 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FGF-12 - Images