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FGF-12

Catalog # PVGS1648

Product Information

Primary Accession	P61328-2
Species	Human
Sequence	Met1-Thr181
Purity	> 95% as analyzed by SDS-PAGE
Endotoxin Level	
Biological Activity	Immobilized Human FGF-12 at 2.0 ug/ml can bind Human FGFR3-Fc. The ED_{50} of Human FGF-12 is 0.5-4.0 □g/ml.
Expression System	E. coli
Formulation	Lyophilized from a 0.2 □m 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 □g/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.

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.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.