FGF-12/FHF-1, Human, Recombinant

Cat. No. : PCK129

General Information

Synonyms	Fibroblast Growth Factor 12;FGF-12;Fibroblast Growth Factor Homologous Factor 1;FHF-1; Myocyte-Activating Factor;FGF12;FGF12B;FHF1
Species	Human
Expression host	E.coli
Sequence	Met1-Thr181
Accession	P61328-2
Mol mass	20.5 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, 5 mM EDTA, pH 7.5.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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 transfectedinto 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.

SDS-PAGE

