

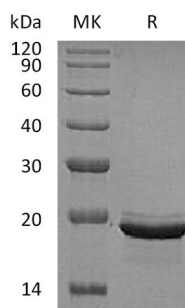
**Product Name: Recombinant Human FGF-12**  
**Catalog #: PEH0644**



## Summary

<b>Name</b>	FGF-12
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Fibroblast Growth Factor 12 is produced by our E.coli expression system and the target gene encoding Met1-Thr181 is expressed.
<b>Accession #</b>	P61328-2
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	20.45 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, 5mM EDTA, pH 7.5.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -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 ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

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**Alternative Names**

Fibroblast Growth Factor 12; FGF-12; Fibroblast Growth Factor Homologous Factor 1; FHF-1; Myocyte-Activating Factor; FGF12; FGF12B; FHF1

**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.

**Note**

For Research Use Only , Not for Diagnostic Use.