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FGF-17

Catalog # PVGS1458

Product Information

Primary Accession	O60258
Species	Human
Sequence	Thr23-Thr216, expressed with an N-terminal Met
Purity	> 95% as analyzed by SDS-PAGE
Endotoxin Level	
Expression System	E. coli
Formulation	Lyophilized after extensive dialysis against PBS.
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 ddH_2O or PBS up to 100 □g/ml.
Storage & Stability	Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Additional Information

Gene ID	8822
Other Names	Fibroblast growth factor 17, FGF-17, FGF17
Target Background	Fibroblast Growth Factor-17 (FGF-17) is a heparin binding growth factor that is a member of the FGF family. Proteins of this family play multiple roles in biological functions, including angiogenesis, mitogenesis, cell differentiation and wound repair. FGF-17 plays an important role in organizing and inducing specific patterning at the midbrain/hindbrain junction. FGF-17 is also expressed in the hindgut, parts of thedeveloping skeleton, tail bud, major arteries, and heart. FGF-17 signals through hFGFR1c, 2c, 3c, and 4. FGF-17 signals induce patterning of the embryonic brain.

Protein Information

Name	FGF17
Function	Plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain.

Required for normal brain development.

Cellular Location Secreted.

Tissue Location Preferentially expressed in the embryonic brain.