

重组人成纤维细胞因子FGF-17

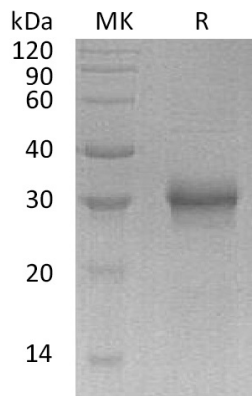
Fibroblast growth factor 17(FGF-17),Human,Recombinant(C-6His)

Cat. No.: MA1433-1 Size: 10 μ g

Source:	Human Cells
Description:	Recombinant Human Fibroblast Growth Factor 17 is produced by our Mammalian expression system and the target gene encoding Thr23-Thr216 is expressed with a 6His tag at the C-terminus.
Accession:	O60258
Known As:	Fibroblast Growth Factor 17; FGF-17; FGF17
Predicted Mol Mass:	22.64 KDa
Apparent Mol Mass:	31 KDa, reducing conditions
Endotoxin:	< 1 EU/ μ g as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
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 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Background:	Fibroblast Growth Factor 17 (FGF17) is a member of the heparin-binding growth factors family that is prominently expressed in the cerebellum and cortex. Proteins of this family possess broad mitogenic and cell survival activities and they are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF17 plays an important role in the regulation of embryonic development and it acts as signaling molecule in the induction and patterning of the embryonic brain. In addition, FGF17 stimulates the proliferation and activation of cells that express FGF receptors.

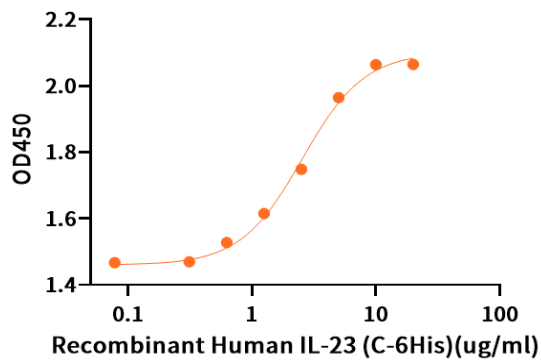


Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

Bioactivity-Cell Based Assay:



Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 2.1 µg/ml.

