

32-8238: Recombinant Human Fibroblast Growth Factor 17/FGF-17

Gene : FGF17
Gene ID : 8822
Uniprot ID : O60258

Description

Source: E. coli.
MW :22.6kD.

Recombinant Human Fibroblast Growth Factor 17 is produced by our E.coli expression system and the target gene encoding Thr23-Thr216 is expressed. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MTQGENHPSNPNFYVRDQGAMTDQLSRRQIREYQLYSRTSGKHVQVTGRRISATAEDGNKFAKLIVETDTFG
SRVRIKGAESEKYICMNRGKLGKPSGKSKDCVFTEIVLENNYTAFAQNARHEGWFMFAFTRQGRPRQASRSRQ
NQREAHFIKRLYQGQLPFPNHAEKQKQFEFVGSAPTRRTKRTRRPQPLT

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.