9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-7608: Recombinant Human Fibroblast Growth Factor 2/FGF-2/FGFb (Met134-Ser288)

Gene : FGF2
Gene ID : 2247
Uniprot ID : P09038

Description

Source: E.coli.
MW :17.2kD.
Recombinant Human Fibroblast growth factor 2 is produced by our E.coli expression system and the target gene encoding Met134-Ser288 is expressed. Fibroblast growth factor 2(FGF2) is a secreted protein and belongs to the heparin-binding growth factors family. FGF2 is produced by epithelial, tumor and other cell types. It involved in developmental processes and regulates differentiation, proliferation, and migration, FGF2 is a critical factor for growing embryonic stem cells in culture without inducing differentiation. FGF2 has a high affinity for heparan sulfate and binding is a step in the FGF basic activation of FGFR tyrosine kinase.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.5.
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 :	MAAGSITTLPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVVSI KGVCANRYLAMKEDGRLLASKCVTDECFFFERLESNNYNTYRSRKYTSWYVALKRTGQYKLGSKTGPGQKAILF LPMSAKS

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.