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32-7653: Recombinant Human/Mouse Fibroblast Growth Factor 8B/FGF-8B

Gene : FGF8
Gene ID : 2253
Uniprot ID : P55075

Description

Source: E.coli.
MW :22.5kD.
Recombinant Human/Mouse Fibroblast growth factor 8B is produced by our E.coli expression system and the target gene encoding Gln23-Arg215 is expressed. Fibroblast growth factor 8 (FGFÂ8) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen-Âdependent growth of mouse mammary carcinoma cells. Mouse FGFÂ8b shares 100% aa identity with human FGFÂ8b. FGFÂ8 is widely expressed during embryogenesis, and mediates epithelialÂ-mesenchymal transitions. It plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. It is required for normal brain, eye, ear, limb development during embryogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, 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 :	MQVTVQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGS RVRVRGAETGLYICMNKKGKLIAKSNGKGKDCVFTEIVLENNYTALQNAKYEGWYMAFTRKGRPRKGSKTRQH QREVHFMKRLPRGHHTTEQSLRFEFLNYPPFTRSLRGSQRTWAPEPR

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.