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Product Datasheet

Recombinant Human/Mouse FGF-8b EBT-EPT144

Artikelname	Recombinant Human/Mouse FGF-8b
Artikelnummer	EBT-EPT144
Hersteller Artikelnummer	EPT144
Alternativnummer	EBT-EPT144-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human/Mouse Fibroblast Growth Factor 8B is produced by our E.coli expression system and the target gene encoding Gln23-Arg215 is expressed....
Molekulargewicht	Molecular weight: 22.5 KDa. Apparent molecular weight: 23 KDa, reducing conditions
UniProt	P55075
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: 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.. Endotoxin: Less than 0.001 ng/ μ g (0.01 EU/ μ g) as determined by LAL test. Biological activity: Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 21.87 ng/ml. Background: Fibroblast growth factor 8 (FGF8) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen-dependent growth of mouse mammary carcinoma cells. Mouse FGF8b shares 100% aa identity with human FGF8b. FGF8 is widely expressed during embryogenesis, and mediates epithelial-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