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## Product Datasheet

### Recombinant Rat FGFb EBT-EPT122

Article Name	Recombinant Rat FGFb
Biozol Catalog Number	EBT-EPT122
Supplier Catalog Number	EPT122
Alternative Catalog Number	EBT-EPT122-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Rat Fibroblast Growth Factor 2/Fibroblast Growth Factor Basic is produced by our E.coli expression system and the target gene encoding Ala11-Ser154 is expressed....
Molecular Weight	Molecular weight: 16.2 KDa. Apparent molecular weight: 16 KDa, reducing conditions
UniProt	<a href="#">P13109</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

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 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Background: FGF-basic is a members of the Fibroblast Growth Factors (FGFs) family. The family constitutes a large family of proteins involved in many aspects of development including cell proliferation, growth, and differentiation. They act on several cell types to regulate diverse physiologic functions including angiogenesis, cell growth, pattern formation, embryonic development, metabolic regulation, cell migration, neurotrophic effects, and tissue repair. FGF-basic is a non-glycosylated heparin binding growth factor that is expressed in the brain, pituitary, kidney, retina, bone, testis, adrenal gland liver, monocytes, epithelial cells and endothelial cells. FGF-basic signals through FGFR 1b, 1c, 2c, 3c and 4.