

Product datasheet for **TP726906**

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human/Mouse Fibroblast Growth Factor 8B/FGF-8B
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln23-Arg215
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human/Mouse Fibroblast growth factor 8B is produced by our E.coli expression system and the target gene encoding Gln23-Arg215 is expressed.
Storage:	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.
Stability:	12 months from date of despatch
Synonyms:	Fibroblast growth factor 8;Androgen-induced growth factor;Heparin-binding growth factor 8;AIGF;HBGF-8;FGF-8B
Summary:	Fibroblast growth factor 8 (FGF ⁸) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen- ⁱⁿ dependent growth of mouse mammary carcinoma cells. Mouse FGF ^{8b} shares 100% aa identity with human FGF ^{8b} . FGF ⁸ is widely expressed during embryogenesis, and mediates epithelial ^{to} -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.



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