

Product datasheet for **TP725088**

FGF2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Fibroblast Growth Factor 2/FGF2
Species:	Human
Expression cDNA Clone or AA Sequence:	Met134-Ser288
Buffer:	Lyophilized from a 0.2 um filtered solution of 25mM Tris, 150mM NaCl, pH8.0
Note:	Recombinant Human Fibroblast growth factor 2 is produced by our E.coli expression system and the target gene encoding Met134-Ser288 is expressed.
Stability:	12 months from date of despatch
Locus ID:	2247
UniProt ID:	P09038
Summary:	FGF-basic is a member of the fibroblast growth factor (FGF) family. FGF family proteins are involved in a variety of biological activities, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. 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. It acts as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis.



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