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FGF 2 Human, Thermostable

Fibroblast Growth Factor-basic Human Recombinant, Thermostable
GRF0067

Product Overview

Name	FGF 2 Human, Thermostable
Description	
Fibroblast Growth Factor-basic Human Recombinant, Thermostable	
Accession (Primary)	P09038
Synonyms	
HBGH-2, HBGF-2, FGF-2, FGF-b, HBGH2, HBGF2, FGF2, FGFb, FGF2 Thermostable, FGF-2 Thermostable.	
Introduction	
Basic fibroblast growth factor is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions 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. Three alternatively spliced variants encoding different isoforms have been described. The heparin-binding growth factors are angiogenic agents in vivo and are potent mitogens for a variety of cell types in vitro. There are differences in the tissue distribution and concentration of these 2 growth factors.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
FGF2 was filtered and lyophilized from a solution containing 20mM potassium phosphate buffer and 750mM sodium chloride, pH 7.5.	
Stability	
Store lyophilized protein between 2-8°C, do not freeze.	
Purity	
Purity is greater than 95% as determined by SDS-PAGE.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 1mg/ml and let the	

lyophilized pellet dissolve completely.

Precautions

FGF 2 Human, Thermostable is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09038)