

[Go to Product page](#)

Datasheet for ABIN2745672

FGF2 Protein

Overview

Quantity:	10 µg
Target:	FGF2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human FGF-2 (153aa).
Purity:	>98 % (SDS-PAGE)
Endotoxin Level:	<0.1ng/µg protein.

Target Details

Target:	FGF2
Alternative Name:	FGF-2 (FGF2 Products)
Background:	FGF-2 plays an important role in the regulation of angiogenesis, cell survival, cell division, wound healing and tissue repair, embryonic development, cell differentiation and cell migration, neuronal function and neural degeneration. It functions as potent mitogen in vitro.

Target Details

Molecular Weight:	~16.5kDa
UniProt:	P09038
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , C21-Steroid Hormone Metabolic Process , Inositol Metabolic Process , Glycosaminoglycan Metabolic Process , Protein targeting to Nucleus , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	The ED50 for stimulation of cell proliferation in human umbilical vein endothelial cells by human FGF-2 (basic) has been determined to be in the range of 0.1-2 ng/ml.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile water containing at least 0.1 % human or bovine serum albumin to a concentration not lower than 10 µg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C, -20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months