

Fibroblast Growth Factor 2, Basic (FGF2) Active Protein | FGF2 active protein

Active Fibroblast Growth Factor 2, Basic (FGF2)

CATALOG # AAA153039	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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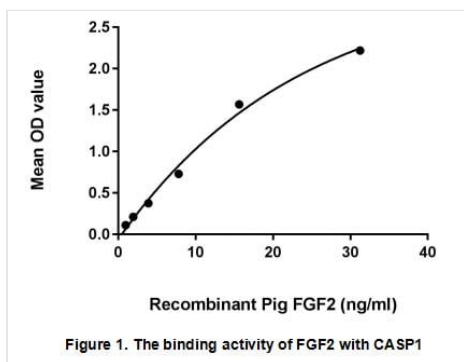
PRODUCT SYNONYMS

Fibroblast Growth Factor 2; Basic (FGF2); Active Fibroblast Growth Factor 2; Basic; FGF2 active protein (prokaryotic); Pig; B-FGF; BFGF; FGFB; HBGH-2; Basic Fibroblast Growth Factor; Heparin-binding growth factor 2; FGF2 active protein

PRODUCT SPECIFICATIONS

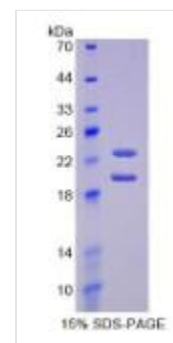
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Pro10~Ser154
Applicable Applications for FGF2 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Pig
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.7
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Basic fibroblast growth factor (FGF2), also known as bFGF, FGF-beta is a member of a large family of structurally related heparin-binding proteins (the FGFs) involved in the regulation of cell proliferation, growth and differentiation. It involved in many



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FGF2 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47605625
UniProt Accession #	Q60487
Molecular Weight	16,392 Da
NCBI Official Full Name	Fibroblast growth factor 2
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGF-2; bFGF; HBGF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/fibroblast-growth-factor-2-basic-fgf2/153039>