

Fibroblast Growth Factor 2, Basic Recombinant Protein | FGF2 recombinant protein

Recombinant Fibroblast Growth Factor 2, Basic (FGF2)

CATALOG # AAA150206	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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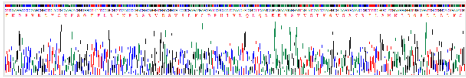
PRODUCT SYNONYMS

Fibroblast Growth Factor 2; Basic; Recombinant Fibroblast Growth Factor 2; Basic (FGF2); B-FGF; BFGF; FGFB; HBGH-2; Basic Fibroblast Growth Factor; Heparin-binding growth factor 2; FGF2 recombinant protein

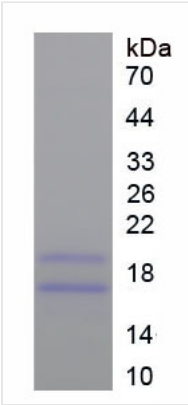
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Phe29~Gly143
Sequence Length	158
Applicable Applications for FGF2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Gallus
Tag	N-terminal His Tag
Subcellular Location	Nucleus, Secreted
Isoelectric Point	9.6
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FGF2 recombinant protein	Cytokine; Tumor immunity; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382175
NCBI GeneID	396413
NCBI Accession #	NP_990764.1
NCBI GenBank Nucleotide #	NP_990764.1
UniProt Accession #	P48800
Molecular Weight	Predicted Molecular Mass: 17.0kDa Accurate Molecular Mass: 17kDa, 20kDa
NCBI Official Full Name	fibroblast growth factor 2
NCBI Official Synonym Full Names	fibroblast growth factor 2
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGF-2; HBGF-2
NCBI Protein Information	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://www.aaabiotech.com/fgf2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150206>