

## Product Data Sheet

Biolinker / Av. Prof. Lineu Prestes, 2242 / São Paulo – SP / 05508-000 / Brazil  
info@biolinker.tech / www.biolinker.tech  
twitter: @biolinker\_tech



# Fibroblast Growth Factor- Basal (FGF-b)

Product Reference: PEK# 10016

Fibroblast growth factor basal protein, with His-Tag, Lyophilized.

Revision date: 24.08.2022  
Version: 1.1

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## Product Data Sheet

Description	Fibroblast growth factor basal protein.
Synonym(s)	Growth factor, Fibroblast basal growth factor, Basic-Fibroblast growth factor
HS Code:	35040090
Pack Size	50 ug
MW	17, 25 KDa
Form	Powder
Shipped in	Chemistry Ice
Storage temp.	-20°C (before reconstitution and long period), after reconstitution read detail below.
Expression System	Escherichia Coli
Purity	>95% (SDS Page)
Impurities	<1.0 EU/μg protein (LAL test)
GenBank Accession:	

## Expanded Data Sheet

Construct	Mutation for increasing stability were add to original construction FGF-b
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## Expanded Data Sheet (continuation)

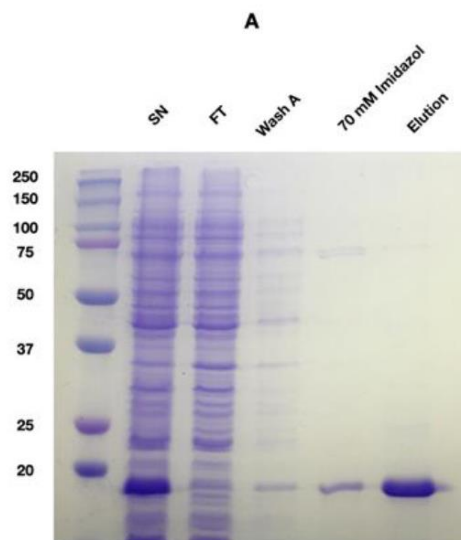
Tag(s)	Tag(s) N-terminal His-tag
UniProt Number	UniProt Number
Stability	Stability At least 12 months at -80°C.
Formulation	Formulation Phosphate buffer monosodic 29mM, dibasic 73mM and sodium,

Reference:

## General description

Recombinant FGF-b Protein with His tag is produced by E. coli expression system. The target protein is expressed with sequence of fibroblast growth factor basal (QNC49929.1) fused with a 6XHis tag-tag at the N-terminus.

## Quality Control Data



SDS-PAGE gel of FGF-b expression purified

## Reconstitution

Reconstituting with 10-25% of Glycerol and water if is proposal to store for long time at -20°C. It is recommending reconstitution in water only, to aliquot in smaller quantities to avoid frozen and defrozen.

## Storage and Stability

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This product is stable at -20°C for up to 12 months from the date of receipt in powder. For optimal storage, aliquot into smaller quantities after reconstitution and centrifugation and store at recommended temperature -20°C or -80°C.

## Disclaimer

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

Data presented is the available current product information and provided as-is. These products have not been tested or verified in any additional applications, sample types, including any clinical use. Experimental conditions must be empirically derived by the user.