

Blue Fluorescent Protein (BFP) recombinant protein
BFP, Blue Fluorescent Protein
Catalog # PBV10528r**Specification**

Blue Fluorescent Protein (BFP) recombinant protein - Product infoCalculated MW **29.0 kDa KDa****Blue Fluorescent Protein (BFP) recombinant protein - Additional Info****Other Names**

BFP, Blue Fluorescent Protein

Source

Assay&Purity

Assay2&Purity2

Recombinant

Application NotesReconstitute with dH₂O to 1 mg/ml**E. coli****SDS-PAGE; ≥97%****HPLC; ≥97%****Yes****Format**

Lyophilized protein

Storage

-20°C; Freeze Dried

Blue Fluorescent Protein (BFP) recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Blue Fluorescent Protein (BFP) recombinant protein - Images**Blue Fluorescent Protein (BFP) recombinant protein - Background**

The recombinant Blue Fluorescent Protein (BFP) is expressed and purified from transformed E. coli using a method that ensures high purity and maximal BFP fluorescence. The protein is a 29 kDa monomer with 259 amino acids, pI: 6.17. Ex.= 308-383 nm; Em.= 440-447 nm. The protein is engineered with 6xHis-tag on the N-terminal, which can be used for detection with anti-His-Tag antibody, or protein removal by using Ni++ beads. BFP protein sequence:MGSSHHHHHHSSGLVPRGSHMVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATY

GKLTCLKFICTTGKLPVPWPTLVTTLSHGVQCFSRYPDHMKQHDFFKSAMPEGYVQERTIF
FKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNFNShNVYIMADKQKN
GIKANFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDSHYLSTQSALSKDPNEKRDHNV
LLEFVTAAGITLGMDELYK