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Blue Fluorescent Protein (BFP) recombinant protein

BFP, Blue Fluorescent Protein
Catalog # PBV10528r

Specification

Blue Fluorescent Protein (BFP) recombinant protein - Product info

Calculated MW	**29.0 kDa KDa**

Blue Fluorescent Protein (BFP) recombinant protein - Additional Info

Other Names
BFP, Blue Fluorescent Protein

Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥97%**
Assay2&Purity2	**HPLC; ≥97%**
Recombinant	**Yes**

Application Notes
Reconstitute with dH_2O to 1 mg/ml

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 Cytomety
- 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

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GKLTLKFICTTGKLPVPWPTLVTTLSHGVQCFSRYPDHMKQHDFFKSAMPEGYVQERTIF
FKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNFNSHNVYIMADKQKN
GIKANFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDSHYLSTQSALSKDPNEKRDHMV
LLEFVTAAGITLGMDELYK