

## BFP protein, His tag

**Cat. No. GTX65494-pro**

Package

100 µg

### PRODUCT

#### Summary

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.

### Properties

<b>Form</b>	Lyophilized powder
<b>Buffer</b>	Batch dependent (please contact us for details)
<b>Storage</b>	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
<b>Region/Sequence</b>	N-terminus His-Tag; MGSSHHHHHSSGLVPRGSHMVSKGEELF TGVVPILVELDGDVNGHKFSVS GEGEGDATY GKLT LKFICTTGKLPVPWPTLVTTLSHGVQCFSRYPDHMKQHDFK SAMPEGYVQERTIF FKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNFSHN VYIMADKQKN GIKANFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDSHYLSTQSALSKDPNEKRDH MV LLEFVTAAGITLGMD ELYK
<b>Expression System</b>	E. coli
<b>Purity</b>	> 97% by SDS-PAGE and HPLC.
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](https://www.genetex.com).