

## 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 TGVVPILVELDGDVNGHKFSVSGEGEGDATY GKLTCLKICTTGKLPVPWPTLVTTLSHGVQCFSRYPDHMKQHDFKSA MPEGYVQERTIF 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.



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