

# 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<sup>++</sup> beads.

## Properties

**Form** Lyophilized powder

**Buffer** Batch dependent (please contact us for details)

**Storage** Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.

### Region/Sequence

N-termini His-Tag; MGSSHHHHHSSGLVPRGSHMVSKGEELF TGVPILVELDGDVNGHKFSVSGEGEGDATY  
GKLTLLKFICTTGKLPVPWPTLVTTLSHGVCFSRYPDHMKQHDFKFSAMPEGYVQERTIF  
FKDDGNYKTRAEVKFEGDGLVNRLELKGIDFKEDGNILGHKLEYNFNHNVYIMADKQKN  
GIKANFKIRHNIEDGSQLADHYQQNTPIGDGPVLLPDSHYLSTQSALS KDPNEKRDHMLLEFVTAAGITLGMDELYK

**Expression System** E. coli

**Purity** > 97% by SDS-PAGE and HPLC.

**Conjugation** Unconjugated

**Note** 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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