

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

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
FKDDGNYKTRAEVKFEGDTLVNRIELKIDFKEDGNILGHKLEYNFNSHNVYIMADKQKN
GIKANFKIRHNIEDGSQLADHYQQNTPIGDGPVLLPDSHYLSTQSALS KDPNEKRDHMV LLEFVTAAGITLGMDELYK

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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