



## Enhanced Blue Fluorescent Protein EBFP

Cat. No.	size
E4703-01	100 µg

**Concentration:** 1 mg/ml, determined with Bradford protein assay.

### Quality Control:

All preparations are assayed for contaminating endonucleases, exonucleases, nonspecific RNases, single- and double-stranded DNase activities. Greater than 90% as determined by SDS-PAGE.

**C-terminal HIS-tagged full-length Enhanced Blue Fluorescent Protein, expressed in *E. coli*.**

### Description:

Blue fluorescent protein (EBFP) is a genetic mutant of green fluorescent protein (GFP) originally derived from the jellyfish *Aequorea victoria*. Like the parent GFP, EBFP is a useful tool in cell and molecular biology. The protein is a 27 kDa monomer.

**Fluorochrome activity:** excitation 380 nm  
emission 440 nm

**Format:** liquid

**Storage buffer:** 100 mM NaCl, 50 mM Tris-HCl (pH 8.0), 0.1 mM EDTA, 1 mM DTT, 50% glycerol.

**Storage conditions:** Store at 4°C (short term). Aliquot and store at -20°C (long term).

**Applications:** SDS-PAGE, WB, fluorescence microscopy, fluorometry, ELISA

**Immunogen:** Full length recombinant EBFP