

Recombinant Enhanced Yellow Fluorescent Protein, N-His and C-MYC tagged

Cat. No. eYFP-03 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Dual-tagged, recombinant enhanced Yellow Fluorescent Protein (eYFP, FPbase ID: 8DNLG). Contains an N-terminal His-tag, followed by the TEV protease recognition and cleavage site (ENLYFQ G), eYFP peptide and a C-terminal c-myc tag; Excitation: 513 nm Emission: 527 nm Isoelectric Point: 5.925
Source	Plant bioreactor fresh leaf tissue
ProteinLength	275AA
Molecular Mass	31.3 kDa
AA Sequence	MASRSHHHHHHDNKQENLYFQGVSKGEELFTGVVPILVELDGDVNGHKFSVSGE GEGDATYGKLTCLKICTTGKLPVPWPTLVTTLTYGVCFSRYPDHMKQHDFFKSAM PEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYN SHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLST QSALSKDPNEKRDHMLLEFVTAAGITLGMDELYKEPALEQKLISEEDL
Purity	>85% pure (by SDS-PAGE, RP-HPLC)
Applications	SDS-PAGE, Western blots, fluorescence microscopy, fluorometry, ELISA.
Storage	Lyophilized protein can be stored in a desiccator at -20 or -80 centigrade for at least 1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

year.
After reconstitution, aliquot and store at -20 centigrade.
Avoid freeze-thaw cycles.

Storage Buffer

Lyophilized in sterile conditions from a concentrated, 0.22 µm-filtered solution in PBS, pH=7.4.

Reconstitution

Reconstitute with pure H₂O or 1×PBS to a desired concentration, aliquote and store at -20 centigrade for up to 6 months. Store at -80 centigrade for longer periods. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Official Symbol

eYFP

Synonyms

eYFP; Enhanced Yellow Fluorescent Protein

SDS-PAGE
