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

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

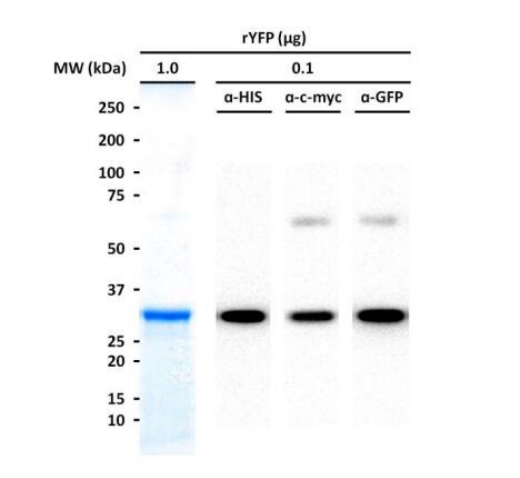
## SPECIFICATION

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| **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;<br>Excitation: 513 nm<br>Emission: 527 nm<br>Isolectric Point: 5.925 |
| **Source** | Plant bioreactor fresh leaf tissue |
| **ProteinLength** | 275AA |
| **Molecular Mass** | 31.3 kDa |
| **AA Sequence** | MASRSHHHHHHHDNKQENLYFQGVSKGEELFTGVVPILVELDGDVNGHKFSVSGE GEGDATYGKLTLKFICTTGKLPVPWPTLVTTLTYGVQCFSRYPDHMKQHDFFKSAM PEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGIDFKEDGNILGHKLEYNYN SHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPVLLPDNHYLST QSALSKDPNEKRDHMVLLEFVTAAGITLGMDELYKEPALEQKLISEEDL |
| **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 |

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| | year.<br>After reconstitution, aliquot and store at -20 centigrade.<br>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 H20 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

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| **Official Symbol** | eYFP |
| **Synonyms** | eYFP; Enhanced Yellow Fluorescent Protein |
| **SDS-PAGE** |  |

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