

Recombinant YFP Protein

Cat. No. YFP-02 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant YFP (Yellow Fluorescent Protein) is expressed and purified from transformed E. coli using a method that ensures high purity and maximal YFP fluorescence. Endotoxin has been removed.
Source	E.coli
Description	The protein is a 26.4 kDa monomer with 238 amino acids, Ex./Em. = 525/538 nm, extinction coefficient 27390.
Form	Freeze Dried
Molecular Mass	26.4 kDa
AA Sequence	MRGSGSSGALLFHGKIPYVVEMEGNVDGHTFSIRGKGYGDASVGKVDAQFICTTGD VPVPWSTLVTTLTLYGAQCFACYGPELKDFYKSCMPDGYVQERTIT FEGDGNFKTRA EVTFENGSVYNRVKLNQGQFKKDGHLGKNLEFNFTPHCLYIWGDQANHGLKSAFK ICHEITGSKGDFIVADHTQMNTPIGGGPVHVPEY HHMSYHVKLSKDVTDHRDNMSL KETVRAVDCRKTYL
Endotoxin	<0.1
Purity	Greater than 97% by SDS-PAGE and HPLC
Applications	The protein is suitable for in vivo injection or cell culture applications.

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Storage	-20°C
Reconstitution	Reconstitute with dH ₂ O to 1 mg/ml