

Recombinant mCherry Fluorescent Protein, His tagged

Cat. No. mCherry-006E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mCherry Fluorescent Protein with His tag was expressed in E. coli.
Source	E.coli
Description	mCherry is a bright red monomeric fluorescent protein created by rounds of directed evolution of DsRed. mCherry matures rapidly, making it possible to see results very soon after transfection or activation of transcription. It is highly photostable and resistant to photobleaching.
Molecular Mass	The protein has a calculated MW of 29 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMVSKGEEDNMAIIEFMRFKVHMEGSVNGHEFEIE GEGEGRPYEGTQTAKLKVTKGGPLPFAWDILSPQFMYGSKAYVKHPADIPDYLKLS FPEGFKWERVMNFEDGGVVTVTQDSSLQDGEFIYKVKLRGNTNFPSDGPVMQKKT M GWEASSERMYPEDGALKGEIKQRLKLKDGGHYDAEVKTTYKAKKPVQLPGAYNVNI KLDITSHNEDYTIVEQYERAEGRHSTGGMDELYK
Endotoxin	< 1 EU/μg
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	3.4 mg/mL

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Storage Buffer	PBS, pH 7.4, 10% Glycerol
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GENE INFORMATION

Official Symbol	mCherry
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Synonyms	mCherry; mCherry Fluorescent
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