

mCherry Fluorescent Protein

Cat. No. mCherry-5 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	mCherry is the second generation monomeric red fluorescent protein that have improved brightness and photostability. The recombinant mCherry is expressed and purified from transformed E. coli using a method that ensures high purity and maximal fluorescence intensity. The protein is a 28.8 kDa monomer with 256 amino acids, pI: 6.23. Ex.= 587 nm (540-590 nm); Em.= 610 nm (550-650 nm). The protein is engineered with 6xHis-tag on the N-terminus.
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Source	E.coli
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Form	Freeze Dried
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Molecular Mass	28.8 kDa
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Endotoxin	<0.1>
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Purity	Purity by SDS-PAGE: ≥97%Purity by HPLC: ≥97%
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Usage	For Research Use Only! Not to be used in humans.
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Reconstitution	Reconstitute with dH ₂ O to 1 mg/ml
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Shipping	Gel pack
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