

mCherry Fluorescent Protein recombinant protein

mCherry
Catalog # PBV10527r

Specification

mCherry Fluorescent Protein recombinant protein - Product info

Calculated MW 28.8 kDa KDa

mCherry Fluorescent Protein recombinant protein - Additional Info

Other Names mCherry

Source
Assay&Purity
Assay2&Purity2
Recombinant
Application Notes
Reconstitute with dH₂O to 1 mg/ml

E. coli SDS-PAGE; ≥97% HPLC; ≥97% Yes

Format Lyophilized protein

Storage

-20°C; Freeze Dried

mCherry Fluorescent Protein recombinant protein - Protocols

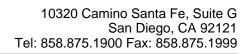
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

mCherry Fluorescent Protein recombinant protein - Images

mCherry Fluorescent Protein recombinant protein - Background

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, pl: 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, which can be used for detection with anti-His-Tag antibody or protein purification/removal by using Ni++





beads.