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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	**E. coli**
Assay&Purity	**SDS-PAGE; ≥97%**
Assay2&Purity2	**HPLC; ≥97%**
Recombinant	**Yes**

Application Notes
Reconstitute with dH_2O to 1 mg/ml

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

beads.