mCherry Fluorescent Protein

Cat. No.	size
E4705-01	100 µg

Concentration: 1 mg/ml, determined with Bradford protein assay.

Quality Control:

All preparations are assayed for contaminating endonucleases, exonucleases, nonspecific RNases, single- and double-stranded DNase activities. Greater than 90% as determined by SDS-PAGE.

C-terminal HIS-tagged full-length mCherry Fluorescent Protein, expressed in *E. coli*.

Description:

The mCherry protein is engineered from a fluorescent protein originally isolated from a coral and is widely used as a tracer in transfection and transgenic experiments. The prototype for these fluorescent proteins is Green Fluorescent Protein (GFP), which is a ~27 kDa protein isolated originally from the jellyfish *Aequorea victoria*. The mCherry protein is derived from dsRed, a red fluorescent protein related to GFP isolated from disc corals of the *Discosoma* genus.

Fluorochrome activity: excitation 587 mm
emission 610 mm

Format: liquid

Storage buffer: 100 mM NaCl, 50 mM Tris-HCl (pH 8.0), 0.1 mM EDTA, 1 mM DTT, 50% glycerol.

Storage conditions: Store at 4°C (short term). Aliquot and store at -20°C (long term).

Applications: ICC, WB, IHC, IF

Immunogen: Full length recombinant mCherry protein

EURx Ltd. 80-297 Gdańsk Poland ul. Przyrodników 3, NIP 957-07-05-191, KRS 0000202039
www.eurx.com.pl, orders@eurx.com.pl, *tel.* +48 58 524 06 97, *fax* +48 58 341 74 23