

# Product Information

## CF™488A-dCTP

**Catalog Number:** 40067

**Unit Size:** 25 nmol

**Molecular Weight:** ~1428

**Color and Form:** Orange solid

### Spectral Properties

$\lambda_{abs}/\lambda_{em} = 490/515$  nm (See Figure 1)

CF™488A is spectrally similar to Alexa Fluor® 488

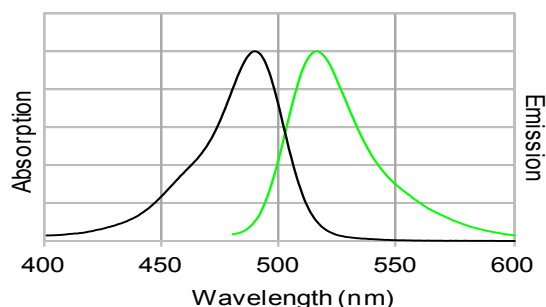
### Storage and Handling

Store desiccated at  $\leq -20^{\circ}\text{C}$ . When stored as directed, product should be stable for at least 6 months from the date of receipt. For aqueous solutions, prepare single use aliquots and store protected from light at  $-20^{\circ}\text{C}$  for up to 6 months. Avoid freeze-thaw cycles. We recommend preparing a 1 mM stock solution in 10 mM Tris pH 7.4.

### Product Application

Fluorophore conjugates of dCTP can be used in standard DNA labeling and synthesis protocols to generate fluorescent dsDNA and oligonucleotide probes.

Absorption/Emission Spectra of CF™488A Conjugated Antibodies



**Figure 1.** Absorption and emission spectra of CF™488A conjugated to goat anti-mouse IgG in PBS.

### Related Products

Cat. #	Product description
40057	CF™532-dCTP, 25 nmol
40058	CF™543-dCTP, 25 nmol
40027	CF™555-dCTP, 25 nmol
40055	CF™568-dCTP, 25 nmol
40056	CF™594-dCTP, 25 nmol
40066	CF™640R-dCTP, 25 nmol
40028	CF™647-dCTP, 25 nmol
40068	CF™660R-dCTP, 25 nmol
40031	CF™555-ddCTP, 25 nmol
40032	CF™640R-UTP, 25 nmol
40008	CF™488A-dUTP, 25 nmol
40002	CF™543-dUTP, 25 nmol
40005	CF™568-dUTP, 25 nmol
40006	CF™594-dUTP, 25 nmol
40007	CF™640R-dUTP, 25 nmol
40003	CF™680R-dUTP, 25 nmol

Please visit our website at [www.biotium.com](http://www.biotium.com) to view our full selection of CF™ dye bioconjugates, including antibodies, antibody labeling kits, phalloidin, annexin V and  $\alpha$ -bungarotoxin, as well as reagents and kits for genomics and cell biology research.

CF™ dye technology is covered by pending US and international patents. Alexa Fluor is a registered trademark of Invitrogen.

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