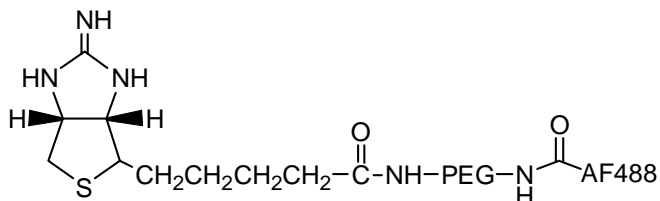


TECHNICAL DATA SHEET**Alexa Fluor 488 PEG Biotin, MW 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-AF488BN-2k, 3k, 5k, 10k, 20k.

Description:

Alexa fluor 488 PEG Biotin is one of Nanocs' fluorescent biotin PEG reagents that contain a fluorescent dye and a biotin tag on each PEG terminus. Alexa fluor 488 is a bright green fluorescent dye with excitation/emission wavelength at ~491 nm/~515 nm. Biotin functional alexa fluor 488 PEG is able to bind to avidin or streptavidin with high affinity. PEG linker between Alexa fluor 488 and biotin tag offers good water solubility, flexible linker structure and enhanced stability. Compared to other organic dyes, Nanocs' PEG modified fluorescent dyes are brighter and easy to use. These dyes are readily soluble in water and they can be used directly in aqueous solution to label biomolecules without need adding harmful organic solvents.

Product Structure:**Product Specifications:**

- Composition: Alexa fluor 488 PEG biotin.
- Appearance: Yellow to orange solid.
- Solubility: 5 mg/mL, clear in water, chloroform, DMSO.
- Function group: Biotin.
- Ex/Em wavelength: 491/515 nm.

Handling and Use:

Alexa fluor 488 PEG biotin is sensitive to light. For best use, material should always be kept in low temperature in dry condition. Protect from light. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Alexa fluor 488 PEG Biotin products should be stored at -20 °C. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 12 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

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