

Product Information

CF™ Dye cAMP

Catalog Number

Catalog no.	Conjugate	Unit size	MW	Ex/Em (nm)
00036	CF™ 488A cAMP	100 ug	~998	490/515
00037	CF™ 640R cAMP	100 ug	~1445	642/662

Storage and Handling

Store desiccated at -20°C, protected from light. Product is stable for at least twelve months from date of receipt when stored as recommended. Soluble in H₂O, DMSO, and DMF. **Do not reconstitute in buffer as it may cause the material to hydrolyze.** Reconstituted material is stable for at least six months when stored at -20°C and protected from light.

Product Description

CF™ dye-cAMP is a fluorescently-labeled cAMP analog that can be used to probe cAMP receptors. Single molecule imaging of fluorescently labeled cAMP bound to its receptor on the surface of Dictyostelium cells has been reported by Ueda and colleagues (Science 294, 864(2001)). CF™ dyes are Biotium's line of next-generation fluorescent dyes with exceptional brightness, photostability, and water solubility.

Related Products

Catalog number	Product
00022	Cyanine 644-cAMP, 1 mg
00022-1	Cyanine 644-cAMP, 20 x 50 ug
00020	Biotin-cAMP, diisopropylethylammonium salt, 1 mg
00020-1	Biotin-cAMP, diisopropylethylammonium salt, 20x50ug

Please visit our website at www.biotium.com for information on our life science research products, including environmentally friendly EvaGreen® qPCR master mixes, fluorescent CF™ dye antibody conjugates and reactive dyes, apoptosis reagents, fluorescent probes, and kits for cell biology research.

CF™ dyes are covered by pending US and international patents. Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use.