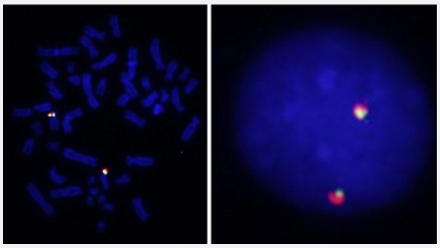
CREM Split FISH Probe

Catalog # FS0084 Size 100 uL, 200 uL

Applications



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

Specification

Product Description	Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. (Technology).
Probe 1	**Name:** CREM **Size:** Approximately 480kb **Fluorophore:** FITC **Location:** 10p11.21
Probe 2	**Name:** CREM **Size:** Approximately 360kb **Fluorophore:** Texas Red **Location:** 10p11.21
Origin	Human

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Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulatory Status	For research use only (RUO)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Product	DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome. Hybridization position of the probes on the chromosome.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — CREM

Entrez GeneID	1390
Gene Name	CREM
Gene Alias	ICER, MGC111110, MGC17881, MGC41893, hCREM-2
Gene Description	cAMP responsive element modulator
Omim ID	123812
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transdu ction during the spermatogenetic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cA MP responsiveness. Multiple alternatively spliced transcript variants encoding several different iso forms have been found for this gene, with some of them functioning as activators and some as rep ressors of transcription. [provided by RefSeq

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Other Designations	OTTHUMP00000019442|OTTHUMP00000019443|OTTHUMP00000019444|OTTHUMP00000019446|OTTHUMP00000019448|cAMP response element modulator|hCREM 2alpha-b protein|hCREM 2beta-a protein|inducible cAMP early repressor ICER

Disease

- Agoraphobia
- Alzheimer disease
- Asthma
- Azoospermia
- Cardiovascular Diseases
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Neoplasms
- Oligospermia
- Osteoporosis
- Panic Disorder

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