

PRIM2 FISH Probe

Catalog # FA0169 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
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.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — PRIM2

Entrez GeneID	5558
Gene Name	PRIM2
Gene Alias	MGC75142, PRIM2A, p58
Gene Description	primase, DNA, polypeptide 2 (58kDa)

Omim ID [176636](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the large, 58 kDa primase subunit. [provided by RefSeq]

Other Designations

DNA primase large subunit|DNA primase polypeptide 2|DNA primase subunit p58|OTTHUMP0000040016|dJ422B11.1.1|polypeptide 2A, p58|primase polypeptide 2A, 58kDa|primase, polypeptide 2A (58kD)

Pathway

- [DNA replication](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Tobacco Use Disorder](#)