

PYGM FISH Probe

Catalog # FA0282 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 — PYGM

Entrez GeneID	5837
Gene Name	PYGM
Gene Alias	-
Gene Description	phosphorylase, glycogen, muscle

Omim ID [232600 608455](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a muscle enzyme involved in glycogenolysis. Highly similar enzymes encoded by different genes are found in liver and brain. Mutations in this gene are associated with McArdle disease (myophosphorylase deficiency), a glycogen storage disease of muscle. Alternative splicing results in multiple transcript variants

Other Designations McArdle syndrome|glycogen phosphorylase|glycogen storage disease type V|myophosphorylase|phosphorylase, glycogen; muscle (McArdle syndrome, glycogen storage disease type V)

Pathway

- [Insulin signaling pathway](#)
- [Starch and sucrose metabolism](#)

Disease

- [Glycogen Storage Disease Type V](#)
- [Muscular Diseases](#)