

# HMGA1 FISH Probe

Catalog # FA0165      Size 200 uL

## Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> ).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) 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 — HMGA1

Entrez GeneID	<a href="#">3159</a>
Gene Name	HMGA1
Gene Alias	HMG-R, HMGA1A, HMGIY, MGC12816, MGC4242, MGC4854
Gene Description	high mobility group AT-hook 1

Omim ID [600701](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a non-histone protein involved in many cellular processes, including regulation of inducible gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of A+T-rich regions in double-stranded DNA. It has little secondary structure in solution but assumes distinct conformations when bound to substrates such as DNA or other proteins. The encoded protein is frequently acetylated and is found in the nucleus. At least seven transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000016222|OTTHUMP00000016223|OTTHUMP00000016224|OTTHUMP00000039618|high-mobility group (nonhistone chromosomal) protein isoforms I and Y|nonhistone chromosomal high-mobility group protein HMG-I/HMG-Y

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
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