SPG7 FISH Probe

Catalog # FA0378 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 — SPG7

Entrez GeneID	6687
Gene Name	SPG7
Gene Alias	CAR, CMAR, FLJ37308, MGC126331, MGC126332, PGN, SPG5C
Gene Description	spastic paraplegia 7 (pure and complicated autosomal recessive)

Omim ID	602783 607259
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear-encoded mitochondrial metalloprotease protein that is a member of the AAA (ATPases associated with a variety of cellular activities) protein family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including me mbrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. Tw o transcript variants encoding distinct isoforms have been identified for this gene. Mutations asso ciated with this gene cause autosomal recessive spastic paraplegia 7. [provided by RefSeq
Other Designations	cell adhesion regulator|cell matrix adhesion regulator|paraplegin, isoform 1|spastic paraplegia 7

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Kidney Failure
- Motor Neuron Disease
- Multiple Sclerosis
- Paraparesis
- Spastic Paraplegia