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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTP4A2 FISH Probe

Catalog # : FA0032

規格 : [200 uL]

[List All](#)

Specification

| | |
|-----------------------------|---|
| Product Description: | Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology) |
| Supplied Product: | DAPI Counterstain (1500 ng/mL) 250 uL |
| Storage Instruction: | Store at 4°C in the dark. |
| Origin: | Human |
| Source: | Genomic DNA |
| 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) |

Application Image

Fluorescent In Situ Hybridization (Cell)

Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [8073](#)

Gene Name: PTP4A2

Gene Alias: HH13,HH7-2,HU-PP-1,OV-1,PRL-2,PRL2,PTP4A,PTPCAAX2,ptp-IV1a,ptp-IV1b

Gene Description: protein tyrosine phosphatase type IVA, member 2

Omim ID: [601584](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to a small class of the protein tyrosine phosphatase (PTP) family. PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. PTPs in this class contain a protein tyrosine phosphatase catalytic domain and a characteristic C-terminal prenylation motif. This PTP has been shown to primarily associate with plasmic and endosomal membrane through its C-terminal prenylation. This PTP was found to interact with the beta-subunit of Rab geranylgeranyltransferase II (beta GGT II), and thus may function as a regulator of GGT II activity. Overexpression of this gene in mammalian cells conferred a transformed phenotype, which suggested its role in tumorigenesis.

Alternatively spliced transcript variants that encode two distinct isoforms have been described. [provided by RefSeq]

Other OTTHUMP00000003902,phosphatase of regenerating liver 2,protein
Designations: tyrosine phosphatase IVA,protein tyrosine phosphatase IVA2

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