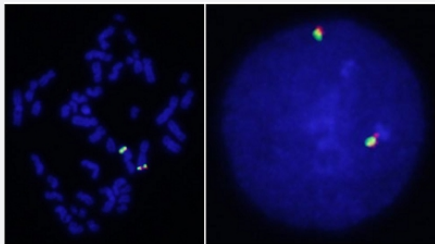


FN1 Split FISH Probe

Catalog # FS0072 Size 200 uL, 100 uL

Applications



Specification

Product Description	Labeled FISH probes for identification of gene split using Fluorescent In Situ Hybridization Technique. (Technology).
Probe 1	Name: FN1 Size: Approximately 370kb Fluorophore: Texas Red Location: 2q35
Probe 2	Name: FN1 Size: Approximately 570kb Fluorophore: FITC Location: 2q35
Origin	Human
Source	Genomic DNA
Reactivity	Human
Form	Liquid
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)

Quality Control Testing

Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The left image is chromosomes at metaphase, and the right image is an interphase nucleus.

Supplied Product

DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe

Probe Position**Storage Instruction**

Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — FN1

Entrez GeneID

[2335](#)

Gene Name

FN1

Gene Alias

CIG, DKFZp686F10164, DKFZp686H0342, DKFZp686I1370, DKFZp686O13149, ED-B, FINC, FN, FNZ, GFND, GFND2, LETS, MSF

Gene Description

fibronectin 1

Omim ID

[135600](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined. [provided by RefSeq]

Other Designations

cold-insoluble globulin|migration-stimulating factor

Pathway

- [ECM-receptor interaction](#)

- [Focal adhesion](#)

- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)

Disease

- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Disease](#)
- [Cryoglobulinemia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Nephrolithiasis](#)
- [Obstetric Labor](#)
- [Ovarian Neoplasms](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)