GJB2 FISH Probe

Catalog # FA0317 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 — GJB2

Entrez GeneID	2706
Gene Name	GJB2
Gene Alias	CX26, DFNA3, DFNB1, HID, KID, NSRD1, PPK
Gene Description	gap junction protein, beta 2, 26kDa

Omim ID	121011 124500 148210 148350 149200 220290 601544 602540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the gap junction protein family. The gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels that facilitate the transfer of ions and small molecules between cells. The gap junction proteins, also known as connexins, purified from fractions of enriched gap junctions from different tissues differ. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene are responsible for as much as 50% of pre-lingual, recessive deafness. [provided by RefSeq
Other Designations	OTTHUMP00000018093|OTTHUMP00000018094|connexin 26|gap junction protein beta 2|gap junction protein, beta 2, 26kD (connexin 26)

Disease

- Aminoglycoside-induced deafness
- Apraxias
- Attention Deficit Disorder with Hyperactivity
- Auditory Perception
- Auditory Threshold
- Cholesteatoma
- Chorioamnionitis
- Chromosome Aberrations
- Chromosome Deletion
- Chronic Disease
- Cleft Lip
- Cleft Palate
- Cognition
- Cytomegalovirus Infections
- Deafness
- Disease Progression

- Diseases in Twins
- Fetal Membranes
- Functional Laterality
- Genetic Predisposition to Disease
- Hearing
- Hearing Disorders
- Hearing Loss
- Keratoderma
- Language Development Disorders
- Mutism
- Obstetric Labor
- Occupational Diseases
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Presbycusis
- Psoriasis
- Recurrence
- Rhinitis
- Sinusitis
- Speech Perception
- Stomach Neoplasms
- Syndrome
- Usher Syndromes

- Vestibular Diseases

- Vestibulocochlear Nerve Diseases