

**DATA SHEET**  
**Hsa-miR-1258 fluoresceinated oligo probe**

**Catalog No.**  
**HM1258-100**

**Description**  
One vial of 0.650 ml of probe in hybridization buffer

**Analyte Specific Reagent. Analytical and performance characteristics are not established.**

Doc. No. 932-HM940-100

Rev. C

Date of release: 09-Aug-2024

**Description**

The Hsa-miR-1258 probe has been designed from mature human miR-1258 sequence. This fluoresceinated probe is provided in a hybridization buffer for localization of miRNA in FFPE tissue by *In Situ* hybridization.

**Specifications**

The Hsa-miR-1258 identifies mature miR-1258 sequences in formalin-fixed, paraffin-embedded human tissues and/or freshly prepared frozen tissues by *in situ* hybridization. This probe does not react with normal human mRNA or nuclear DNA present in tissues.

**Storage and Handling**

Store the reagent at 2-8 °C. Do not freeze. Do not use the reagent after expiration date on vial. The reagent must be brought to room temperature before use. (Important! The presence of precipitates induces background staining).

**Precautions:**

For professional use. The probe contains formamide. Formamide is classified as a teratogen. Pregnant workers should keep exposure to a minimum. Avoid inhalation, ingestion, and contact with unprotected skin. If skin contact occurs, wash thoroughly with soap and water. For more information, refer to the Material Safety Data Sheet, which is available upon request.

**Quality Control**

Each lot of this miRNA probe is tested by *In Situ* hybridization for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

**References**

1. Ma J, Sun F, Li C, Zhang Y, Xiao W, Li Z, Pan Q, Zeng H, Xiao G, Yao K, Hong A, An J.(2014) Depletion of intermediate filament protein Nestin, a target of microRNA-940, suppresses tumorigenesis by inducing spontaneous DNA damage accumulation in human nasopharyngeal carcinoma. *Cell Death Dis*:e1377
2. Wang Q, Shi S, He W, Padilla MT, Zhang L, Wang X, Zhang B, Lin Y. (2014) Retaining MKP1 expression and attenuating JNK-mediated apoptosis by RIP1 for cisplatin resistance through miR-940 inhibition. *Oncotarget*; 5:1304–1314
3. Liu X, Ge X, Zhang Z, Zhang X, Chang J, Wu Z, Tang W, Gan L, Sun M, Li J.(2015) MicroRNA-940 promotes tumor cell invasion and metastasis by downregulating ZNF24 in gastric cancer. *Oncotarget*. Sep 22;6(28):25418-28
4. Yuan B, Liang Y, Wang D, Luo F.(2015) MiR-940 inhibits hepatocellular carcinoma growth and correlates with prognosis of hepatocellular carcinoma patients. *Cancer Sci*. Jul;106(7):819-24.

**BioGenex Quality Control Testing Conditions**

<b>Parameter</b>	<b>Conditions used</b>
Control Tissue	TCC, Thyroid & Breast (FB-HM1258)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues