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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


**SZABO-SCANDIC HandelsgmbH**

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

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Datasheet for WM1366-04-0500

# WM1366 Purified RNA

## Overview

| | |
|---|---|
| **Description:** | WM1366 Purified RNA - WM1366-04-0500 |
| **Item No.:** | WM1366-04-0500 |
| **Size:** | 10 µg |
| **Origin:** | Human |

## Product Details

| | |
|---|---|
| **Background:** | Total RNA was prepared from cell line WM1366. WM1366 is a tumorigenic (VGP) primary melanoma cell line with competence for metastasis. This cell line was established from a right forearm in a 79-year-old male with stage IV superficial spreading melanoma. WM1366 cells produce xenograft tumors when injected into immunocompromised mice. This cell line features a Q61L mutation at position 61 in the N-RAS gene. The Q61L mutation results in an amino acid substitution at position 61 in NRAS, from a glutamine (Q) to a leucine (L). The role of N-RAS mutations for selecting/prioritizing anticancer treatment, including cytotoxic chemotherapy and targeted agents, is unknown at this time. This cell line is wild type for BRAF, PTEN c-KIT, and CDK4. |
| **Synonyms:** | Melanoma, patient derived tumor, tumor models, skin cancer, xenograft |
| **Species of Origin:** | Human |

## Target Details

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|---|---|
| **Purity/Specificity:** | Total RNA was extracted and purified from cells using RNA isolation & purification kit according to manufacturers instructions. The RNA was diluted to 200 ng/µL in RNase free water. Concentration was determined at A260 using nanodrop ND-1000. |
| **Relevant Links:** | • Cell Line EULA |

## Application Details

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|---|---|
| **Application Note:** | Purified RNA is suitable for a number of molecular biology applications including but not limited to next generation sequencing and expression library construction, PCR, real-time PCR, microarray analysis, and transfection experiments. |

| | |
|---|---|
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |

## Cell Line Data

| | |
|---|---|
| **Cell Line:** | Human Melanoma |
| **Product Type:** | RNA |
| **Cell Viability:** | No |
| **Stage:** | VGP |
| **BRAF:** | WT |
| **CDK4:** | WT |
| **C-Kit:** | WT |
| **N-RAS:** | Q61L |
| **PTEN:** | WT |
| **Paired:** | No |

## Formulation

| | |
|---|---|
| **Physical State:** | Liquid |
| **Concentration:** | 200 ng / µl by UV absorbance at 260 nm |
| **Buffer:** | RNase free water |
| **Preservative:** | None |
| **Stabilizer:** | None |

## Shipping & Handling

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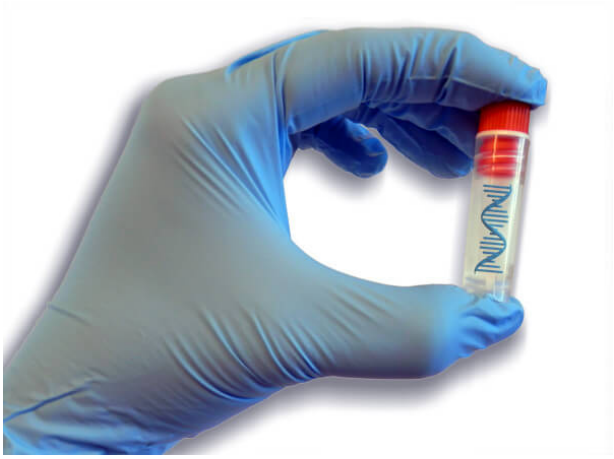
|---|---|
| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C or COLDER. For extended storage, aliquot contents to minimize freeze/thaw cycles. |
| **Expiration:** | Expiration date is six (6) months from date of receipt. |

## Images



**Vial**
Total RNA from melanoma tumor cells for assessment of mRNA and miRNA

## Disclaimer

No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC\NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.

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