

# 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

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#### Datasheet for WM3704-03-0005

### WM3704 Non-Viable Cell Pellet

#### **Overview**

Description:	WM3704 Non-Viable Cell Pellet - WM3704-03-0005
Item No.:	WM3704-03-0005
Size:	5 million cells
Origin:	Human

#### **Product Details**

**Background:** Non-viable cell pellet was generated from cell line WM3704. WM3704 is a metastatic human

melanoma cell line that displays a mesenchymal morphology. This cell line was established from a lymph node metastasis site of a patient. This cell line features the specific V600E (Val600Glu) mutation at codon 600 in the BRAF gene. This mutation causes constitutively active kinase activity and activation of MEK and ERK signaling pathway. This cell line also expresses mutated PTEN gene and R24H mutation at position 24 in the CDK4 gene. The R24H mutation results in an amino acid substitution at codon 24 in CDK4, from an arginine (R) to histidine (H). This mutation is an activating mutation, as it results in growth advantages by preventing p16 binding, while maintaining the ability of CDK4 to form a functional kinase with cyclin D. WM3704 cells produce

xenograft tumors when injected into immunocompromised mice.

Species of Origin: Melanoma, patient derived tumor, tumor models, skin cancer, xenograft

Human

**Target Details** 

**Purity/Specificity:** Cells were grown sub-confluent to approximately (2x10^6) cells in Tumor specialized media and

then trypsinized. Cells were harvested and cell pellets were flash frozen and stored at -80°C.

Relevant Links: • Cell Line EULA

#### **Application Details**

**Application Note:** Frozen non-viable cell pellets can be used for in vitro experiments such as Western blotting and

other immunoassays, genomic DNA isolation, STR profiling, and RNA isolation.

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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:	Non-Viable Pellets
Cell Viability:	No
Stage:	Metastasis
BRAF:	V600E
CDK4:	R24H
C-Kit:	WT
N-RAS:	WT
PTEN:	Mutated
Paired:	No

### **Formulation**

Physical State:	Frozen Cell Pellet
Concentration:	5.0 million cells Count By Hemocytometer
Buffer:	None
Preservative:	None
Stabilizer:	None

# **Shipping & Handling**

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -70° C. For extended storage, aliquot contents to minimize freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

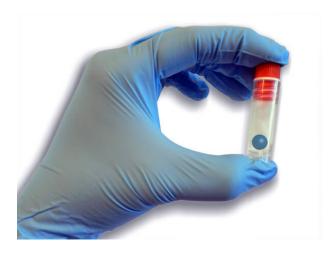
### **Images**

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# Vial

Human melanoma tumor cell pellets for assessment of proteins and their phosphorylation status

#### **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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