

## Datasheet for WM852-03-0005

**WM852 Non-Viable Cell Pellet****Overview**

<b>Description:</b>	WM852 Non-Viable Cell Pellet - WM852-03-0005
<b>Item No.:</b>	WM852-03-0005
<b>Size:</b>	5 million cells
<b>Origin:</b>	Human

**Product Details**

<b>Background:</b>	Non-viable cell pellet was generated from cell line WM852. WM852 is a metastatic melanoma cell line with epithelial morphology. This cell line was established from the metastatic site (abdomen) in a 63-year-old male. This cell line contains a Q61R mutation at position 61 in the N-RAS gene. The Q61R is the most common NRAS mutation found in melanoma that is thought to occur due to UV and radiation exposure. This mutation leads to production of a constitutively active N-RAS protein that directs cells to grow and divide constantly. This cell line also expresses PTEN loss of function including hemizygous deletion. This cell line expresses wild type BRAF, c-KIT and CDK4 genes. WM852 cells produce xenograft tumors when injected into immunocompromised mice.
<b>Synonyms:</b>	Melanoma, patient derived tumor, tumor models, skin cancer, xenograft
<b>Species of Origin:</b>	Human

**Target Details**

<b>Purity/Specificity:</b>	Cells were grown sub-confluent to approximately (2x10 <sup>6</sup> ) cells in Tumor specialized media and then trypsinized. Cells were harvested and cell pellets were flash frozen and stored at -80°C.
<b>Relevant Links:</b>	<ul style="list-style-type: none"><li><a href="#">Cell Line EULA</a></li></ul>

**Application Details**

<b>Application Note:</b>	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.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

## Cell Line Data

<b>Cell Line:</b>	Human Melanoma
<b>Product Type:</b>	Non-Viable Pellets
<b>Cell Viability:</b>	No
<b>Stage:</b>	Metastasis
<b>BRAF:</b>	WT
<b>CDK4:</b>	WT
<b>C-Kit:</b>	WT
<b>N-RAS:</b>	Q61R
<b>PTEN:</b>	Hemizygous Deletion
<b>Paired:</b>	No

## Formulation

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

## Shipping & Handling

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

## Images

**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.

Cell Line Limited Use License Required. THIS PRODUCT IS SUBJECT TO AN END-USER LICENSE AGREEMENT (EULA). BY ACCEPTING THIS PRODUCT, RECIPIENT AGREES TO BE BOUND BY THE TERMS OF USE SET FORTH BELOW and SET FORTH IN THE EULA. THIS PRODUCT IS FOR IN VITRO RESEARCH USE ONLY. THERAPEUTIC, DIAGNOSTIC, OR VETERINARY USE IS PROHIBITED. This product may not be resold or transferred by the recipient and may be used only by the recipient, in the recipient's facility and only for research use and other uses specifically permitted by the EULA. No other commercial use is allowed. "Commercial Use" means any and all uses of this product by recipient or others for monetary or other consideration, including providing services, supplying information or data to unaffiliated third parties, and resale or transfer of this product for any use. Recipient has no right to modify, derivatize, genetically engineer or otherwise create variations of this product or associated cells or cell lines. ROCKLAND AND WISTAR MAKE NO REPRESENTATIONS AND EXTEND NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE USE OF THE PRODUCTS WILL NOT INFRINGE ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER PROPRIETARY RIGHTS. The terms set forth herein and in the EULA shall be governed by the laws of the Commonwealth of Pennsylvania, USA. To obtain a COMMERCIAL USE license for this product, please contact Rockland Immunochemicals, Inc. Please contact a technical service representative for more information. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.