





Product Sheet

MYC Genetic Alteration Cell Panel (ATCC[®] TCP-1035[™])

Please read this **FIRST**



Storage Temp.
**liquid nitrogen
vapor phase (less
than -130°C) only**



Biosafety Level
2

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: MYC Genetic Alteration Cell Panel (ATCC[®] TCP-1035[™])

Description

MYC is an oncogenic transcription factor which is encoded by the c-myc proto-oncogene. By regulating target gene expressions, MYC has diverse roles involved in cell growth, proliferation, biogenesis, cellular metabolism and apoptosis. Mutations or overexpression of c-myc gene has been detected in a wide range of human cancers, especially in lymphomas. The MYC genetic alteration cell panel (ATCC TCP-1035) is composed of nine selected human tumor cells that carry c-myc mutations or various degrees of c-myc gene copy number changes. The MYC status of each cell line has been sequenced and validated by ATCC. This panel is useful for studying MYC and its cellular effects on subsequent target genes and pathways in providing a platform for basic research and anti-cancer drug discovery.

Components

ATCC CRL-1647 ST486
ATCC CRL-1648 CA46
ATCC HTB-62 P3HR-1
ATCC CRL-5974 SNU-16
ATCC HTB-175 NCI-H82
ATCC CRL-2081 MSTO-211H
ATCC HTB-171 NCI-H446
ATCC CCL-240 HL-60
ATCC CRL-9068 NCI-H929

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC[®] products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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