



MET Genetic Alteration Cell Panel

TCP-1036™

Description

MET is a member of the tyrosine kinase receptor family, which leads signal transduction from the extracellular matrix into the cytoplasm after binding its ligand, hepatocyte growth factor (HGF). The MET/HGF signaling pathway has been reported to be aberrantly activated in many human cancers, e.g., gastric cancer. In addition, amplification of MET correlates with poor prognosis, and plays a role in acquired resistance to EGFR inhibitors in patients with EGFR-mutant tumors.

The MET Genetic Alteration Cell Panel (ATCC TCP-1036) is composed of five human tumor cells that carry various degrees of MET gene copy number changes. The MET status of each cell line has been validated by ATCC. This panel is useful for studying bio-functions of MET and MET amplification, as well as tyrosine kinase inhibitor anti-cancer drug discovery.

Components: ATCC CRL-5973 SNU-5

ATCC HTB-135 Hs 746T

ATCC CRL-1585 C32

ATCC CRL-2351 AU565

ATCC CRL-5822 NCI-N87

Shipping information: 5 vials

Storage Conditions

Product format: Frozen

Storage conditions: Vapor phase of liquid nitrogen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: MET Genetic Alteration Cell Panel (ATCC TCP-1036)

References

References and other information relating to this material are available at www.atcc.org.

Warranty

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Product Sheet

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