**Sphingomonas sp. (ATCC® 31461™)**

**Please read this FIRST**

**Storage Temp.**
- Frozen: -80°C or colder
- Freeze-Dried: 2°C to 8°C

**Live Culture:** See Propagation Section

**Biosafety Level:** 1

**Intended Use**

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

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Sphingomonas sp.* (ATCC® 31461)

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**Technical Information**

**Patent Depository**

ATCC is an International Depository Authority (IDA) for patent deposits. ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

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**Patent Number:**

4,326,053

**Description**

**Deposited Name:** *Pseudomonas* sp.
**Designation/Strain:** PS-60
**Depositor:** KS Kang

**Medium**

ATCC® Medium 3: Nutrient agar or nutrient broth

**Growth Conditions**

**Temperature:** 30°C
**Atmosphere:** Aerobic

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #3 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 hours.

**Isolation**

Stone Valley Lake, Pennsylvania, By GT Veeder and KS Kang, 1977

**Notes**

This strain is reported to produce polysaccharide S-60 (US Patent 4,326,052, US Patent 4,326,053 ). Additional information on this culture is available on the ATCC® web site at www.atcc.org.

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**Biosafety Level:** 1

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**
Patent Deposits not produced or characterized by ATCC are warranted for viability only. If you believe the culture you have received is nonviable, contact Technical Services by phone at 8006386597 or 7033652700 or by email at tech@atcc.org. Or you may contact your local distributor.

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