



Product sheet

MDA-MB-175-VII | 305825

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1400

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Isoenzymes** AK-1, 1 ES-D, 1 G6PD, B GLO-I, 1-2 PGM1, 2 PGM3, 1-2

**Tumorigenic** XXXX XXXX XXXX XXXXXXXX XX XXXX 21 XXXXX XXXXX 100% (5/5) XX XXXXXXXX XXXXXXXX XXXX XX XXXXXXXX XXX XXXXX XX 10(7) XXXXX

**Mutational profile** XXXX XXXXXXXX XXXXXXXX NRG1 + HGNC TENM4 XXXXX (XXXXXXXX) =TENM4-NRG1 DOC4-NRG1 XXXXXXXX= XX XXXXXXXX

**Karyotype** XXX XXXXXXXX= 84 XXXXXXXX= 82 XXX 89

XXXXXXXXXX

**Culture Medium** DMEM: DMEM:Ham's F12 (1:1) XX 3.1 XX/XXXX XXXXXXXX XX 2.5 XXX XXXXXXX XXXXXXXXXX XX 15 XXX XXXXXXX XXXXXXX (15 XXX XXXXXXX XXXXXXX)

**Supplements** XXX XXXXX XX 10% FBS + XXXXXXXXXX (5 XXXXXXXXXX/XX)

**Dissociation Reagent** XXXXXXX

**Doubling time** 112 XXXX

**Fluid renewal** 2 XXX 3 XXXXX XX XXXXXXXX

**Freeze medium** XXXXX XXXXXXX XXXXXXXXXX XXXXXXX XXX XXX XXXX (XXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
2. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
3. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
4. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
5. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
6. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
7. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.
8. Thaw the vial rapidly in a water bath at 37°C. Remove the vial and centrifuge at 300 × g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask and incubate at 37°C in 5% CO<sub>2</sub>. The cells should reach 70% confluency within 7-8 days. Pass the cells into a new T75 flask when they reach 70-80% confluency.

Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

Flask Coating

Flasks should be coated with CellTreat™ before use.

Freezing Procedure

Cells should be frozen in 10% FBS and 90% FCS. Freeze at -80°C.

Shipping Conditions

Cells should be shipped at -78°C.

Storage Conditions

Cells should be stored at -150°C to -196°C.

MDA-MB-175-VII / MDA-MB-175-VII / HLA

Sterility

Cells are provided in a sterile, cryoprotected medium. PCR screening is recommended. Cells are free of mycoplasma contamination.