

## SF188 | 305870

**Description** 6  
SF188 (GBM) 6

**Organism**

**Tissue**

**Disease**

**Synonyms** SF-188 SF 188

**Age** 8

**Gender**

**Growth properties**

**Citation** SF188 (Cytion: 305870)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_6948

**Mutational profile** TP53 p.Gly266Glu (c.797G>A) (PubMed=9614553 PubMed=10416987).

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**Culture Medium** EMEM (MEM Eagle) 2 mM L-Glutamine-2-Mercaptoethanol 2.2 mM/100mM NaHCO3 EBSS (Gibco 820100a)

**Supplements** 10% FBS 1% Penicillin Streptomycin

**Dissociation Reagent** Trypsin

**Doubling time** 26 hours

**Subculturing** Cells are harvested by trypsinization and centrifugation into PBS. Cells are resuspended in fresh medium.

**Seeding density** 2 x 10<sup>4</sup> - 4 x 10<sup>5</sup> cells

**Fluid renewal** 2-3 times per week

**Freeze medium** FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
  2. Centrifuge cells at 300 x g for 3 minutes.
  3. Wash cells three times with PBS.
  4. Resuspend cells in fresh medium containing 10% FBS.
  5. Seed cells into a T75 flask at a density of 1.5 x 10<sup>5</sup> cells.
  6. Incubate cells in a humidified 5% CO<sub>2</sub> atmosphere at 37°C.
  7. Monitor cell growth and confluency.
  8. Harvest cells when they reach 70-80% confluency.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

