

Product sheet

NSO | 400109

NSO

**Description**  
NSO is a cell line derived from a human neuroblastoma. It is characterized by its ability to differentiate into various neural cell types, including neurons and glial cells. The cell line is widely used in research to study neuroblastoma biology and drug response.

**Organism** Human

**Tissue** Neuroblastoma

**Disease** Neuroblastoma

**Synonyms** NSO, NS/0, NS/O, NS-0, P3-NSO, P3/NSO, P3/NSO

Characteristics

**Gender** Male

**Cell type** Neuroblastoma

**Growth properties** Adherent

References

**Citation** NSO (Cytion 400109)

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_3940

Genetic background

**Mutational profile**

Notes

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**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Freeze medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a) + 10% DMSO + 10% FBS

**Thawing and Culturing Cells**

1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed medium.
2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in fresh medium.
3. Seed cells into a 37°C incubator with 5% CO<sub>2</sub>.
4. Allow cells to recover in fresh medium for 24 hours.
5. Seed cells into a 15 ml flask with 8 ml of fresh medium.
6. Harvest cells at 300 x g for 3 minutes.
7. Resuspend cells in 10 ml of fresh medium.
8. Seed cells into a 10 ml flask with 8 ml of fresh medium.

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

**Flask Coating** None

**Freezing Procedure** Seed cells into a 15 ml flask with 8 ml of freeze medium. Freeze cells at -80°C.

**Shipping Conditions** Cells can be shipped at -80°C.

**Storage Conditions** Cells can be stored at -150°C for 196 days.

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/ / HLA

**Sterility**

PCR

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