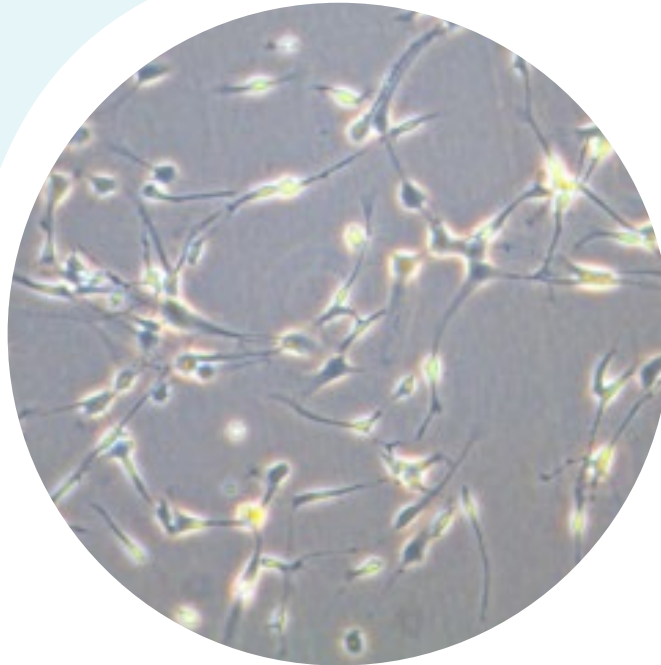


# GLINS2



## DESCRIPTION

### NEURAL STEM CELLS DERIVED FROM HUMAN GLIOBLASTOMA MULTIFORME

<b>Organism:</b>	Homo sapiens, human
<b>Cell Type:</b>	Glioma stem cell
<b>Source:</b>	Adult glioblastoma multiforme (54 year-old male)
<b>Datasheet:</b>	available under request

## REFERENCES

1. Pollard SM, Yoshikawa K, Clarke ID, Danovi D, Stricker S, Russell R et al. Glioma stem cell lines expanded in adherent culture have tumor-specific phenotypes and are suitable for chemical and genetic screens. *Cell Stem Cell* 2009; 4: 568–580.
2. Panchalingam KM, Paramchuk WJ, Chiang CY, Shah N, Madan A, Hood L, Foltz G, Behie LA. Bioprocessing of human glioblastoma brain cancer tissue. *Tissue Eng Part A*. 2010 Apr;16(4):1169-77.
3. Cattaneo M, Lotti LV, Martino S, Alessio M, Conti A, Bachi A, Mariani-Costantini R, Biunno I. Secretion of novel SEL1L endogenous variants is promoted by ER stress/UPR via endosomes and shed vesicles in human cancer cells. *PLoS One*. 2011 Feb 17;6(2):e17206.
4. Agnihotri S, Wolf A, Munoz DM, Smith CJ, Gajadhar A, Restrepo A, Clarke ID, Fuller GN, Kesari S, Dirks PB, McGlade CJ, Stanford WL, Aldape K, Mischel PS, Hawkins C, Guha A. A GATA4-regulated tumor suppressor network represses formation of malignant human astrocytomas. *J Exp Med*. 2011 Apr 11;208(4):689-702.
5. Hothi P, Martins TJ, Chen L, Deleyrolle L, Yoon JG, Reynolds B, Foltz G. High-throughput chemical screens identify disulfiram as an inhibitor of human glioblastoma stem cells. *Oncotarget*. 2012 Oct;3(10):1124-36.
6. Baronchelli S, Bentivegna A, Redaelli S, Riva G, Butta V, Paoletta L, Isimbaldi G, Miozzo M, Tabano S, Daga A, Marubbi D, Cattaneo M, Biunno I, Dalprà L. Delineating the cytogenomic and epigenomic landscapes of glioma stem cell lines. *PLoS One* 2013;8(2):e57462.
7. Danovi D, Folarin A, Gogolok S, Ender C, Elbatsh AM, Engström PG, Stricker SH, Gargica S, Georgian A, Yu D, U KP, Harvey KJ, Ferretti P, Paddison PJ, Preston JE, Abbott NJ, Bertone P, Smith A, Pollard SM. A high-content small molecule screen identifies sensitivity of glioblastoma stem cells to inhibition of polo-like kinase 1. *PLoS One*. 2013 Oct 30;8(10):e77053.
8. Gangoso E, Thirant C, Chneiweiss H, Medina JM and Tabernero A. A cell-penetrating peptide based on the interaction between c-Src and connexin43 reverses glioma stem cell phenotype. *Cell Death Dis*. 2014 Jan 23;5:e1023.