

C6 Cell Nuclear Extract

Catalog Number	AG1016-200	AG1016-500
Unit Size	200ug/vial	500ug/vial

Description

Rat glioma C6 cells are used as a model for brain cancer (astrocytomas) studies. The rat C6 glioma cell line, originally produced by Wistar-Furth rats exposed to N,N'-nitroso-methylurea, is morphologically similar to Glioblastoma multiforme (GBM), the most common malignant form of glioma. The cells express both functional cannabinoid and vanilloid receptors. Trypsin promotes C6 glioma cell proliferation in serum- and growth factor-free medium.

Source

C6 cell

Protein Concentration

≥6mg/ml

Biological Activity

The C6 cell nuclear extract was prepared as described by Dignam et al (1) and Manley et al (2), and is ideal for in vitro transcription, splicing, protein-protein interactions and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 100mM KCl, 20% Glycerol, 1mM DTT and 0.5mM EDTA.

Storage and Handling

The extract should be stored at -80°C and defrosted immediately before use. It can be stored at -80°C for up to 12 months without detectable loss of activity. Always avoid repeated freeze-thaw cycles.

References

1. Dignam, J.D., et al., (1983) Nucleic Acids Res. 11, 1475-1489
2. Manley, J.L., et al., (1980) Proc. Natl. Acad. Sci. USA 77, 5706-5710

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