

Human GDNF protein (active)

Cat. No. GTX48443-pro

Applications Functional Assay

Species Human

Package

10 µg

Applications

Application Note

Assay #1: Biological activity was determined by the dose-dependent dopamine uptake by rat mesencephalic cultures was found to be in the range of 5-10 ng/ml. Assay #2: The ED₅₀ was determined by the proliferation of rat C6 cells is < 0.1 ng/ml, corresponding to a specific activity of > 1 x 10⁷ units/mg.

Properties

Form Lyophilized powder

Buffer Batch dependent (please contact us for details)

Storage Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.

Region/Sequence MSPDKQMAVL PRRERNRQAA AANPENSRGK GRRGQRGKNR GCVLTAIHLN VTDLGLGYET KEELIFRYCS GSCDAAETTY DKILKNLSRN RRLVSDKVGQ ACCRPIAFDD DLSFLDDNLV YHILRKHS AK RCGCI

Expression System E. coli

Purity > 98% by SDS-PAGE and HPLC.

Endotoxin < 1 EU/µg

Conjugation Unconjugated

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