

# 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 ED<sub>50</sub> was determined by the proliferation of rat C6 cells is < 0.1 ng/ml, corresponding to a specific activity of > 1 x 10<sup>7</sup> 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

**Note** For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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