

Human GDNF protein (active)

Cat. No. GTx48443-pro

Applications	Functional Assay	Package
Species	Human	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 YHILRKHSRK 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.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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