

GDNF Protein, Human (HEK293)

Cat. No.:	HY-P73074
Synonyms:	Glial cell line-derived neurotrophic factor; ATF; HFB1-GDNF; HGDNF; HSCR3
Species:	Human
Source:	HEK293
Accession:	P39905-2 (R83-I185)
Gene ID:	2668
Molecular Weight:	Approximately 18 kDa

PROPERTIES

AA Sequence	<p> R G Q R G K N R G C V L T A I H L N V T D L G L G Y E T K E E L I F R Y C S G S C D A A E T T Y D K I L K N L S R N R R L V S D K V G Q A C C R P I A F D D D L S F L D D N L V Y H I L R K H S A K R C G C I </p> <p>Caution: Product has not been fully validated for medical applications. For research use only.</p>
Biological Activity	<p> Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com Measured in a cell proliferation assay using SH-SY5Y human neuroblastoma cells. The ED₅₀ is typically 3-20 ng/mL in the presence of human GFR alpha1/GDNF R alpha1 His Chimera. Measured by its ability to bind Human GFRa1-His in functional ELISA. <small>Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA</small> </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.