

**GNDF/ATF/HSCR3, Human, Recombinant****Cat. No. : GPCK082****产品信息**

物种	Human
表达宿主	E.coli
序列信息	MSPDKQMAVLPRRERNRQAAAAANPENSRGKGRRGQRGKNRGCVLTAIHLNVTDLGLGYETK EELIFRYCSGSCDAAETTYDKILKNLSRNRRLVSDKVGQACCRPIAFDDDLSDNLVYHILRK HSAKRCGCI with polyhistidine tag at the C-terminus.
检索号	P39905.1
标签	His-tag at the C-terminus
分子量	16.01 kDa
有效期	12 months
生物活性	Measure by its ability to induce proliferation in SH-SY5Y cells. The ED50 for this effect is < 10 ng/mL.

**产品特性**

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 μm filtered solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

**背景介绍**

Glial cell-derived neurotrophic factor (GDNF) is a protein that, in humans, is encoded by the GDNF gene. GDNF is a small protein that potently promotes the survival of many types of neurons. GDNF, that acts via classical neurotrophic mechanism, has been effective in several pre-clinical models of PD and had some efficacy in parkinsonian patients.

