

GDNF/ATF/HSCR3, Human, Recombinant

货号：PCK082

产品信息

别名	ATF, ATF1, ATF2, HFB1-GDNF, HSCR3
物种	Human
表达宿主	E.coli
序列信息	MSPDKQMAVLPRRERNRQAAAAANPENSRGKGRRGQRGKNRGCVLTAIHL NVTDLGLGYETKEELIFRYCSGSCDAAETTYDKILKNLSRNRRLVSDKVGQ ACCRPIAFDDDL SFLDDNLVYHILRKHS AKRCGCI with polyhistidine tag at the C-terminus.
检索号	P39905.1
分子量	16.01 kDa
标签	His-tag at the C-terminus
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

纯度	>95% as determined by SDS-PAGE. Ni-NTA chromatography.
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
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.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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.

SDS-PAGE

