

### GDNF/ATF/HSCR3, Human, Recombinant

货号: PCK082

## 产品信息

别名 ATF, ATF1, ATF2, HFB1-GDNF, HSCR3 Pricella

物种 Human

表达宿主 E.coli

序列信息 MSPDKQMAVLPRRERNRQAAAANPENSRGKGRRGQRGKNRGCVLTAIHL

> NVTDLGLGYETKEELIFRYCSGSCDAAETTYDKILKNLSRNRRLVSDKVGQ ACCRPIAFDDDLSFLDDNLVYHILRKHSAKRCGCI 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

>95% as determined by SDS-PAGE. Ni-NTA chromatography. 纯度

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.

网站: www.procell.com.cn 电话: 400-999-2100

邮箱: techsupport@procell.com.cn

地址: 湖北省武汉市高新大道858号生物医药产业园三期C4栋







#### 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu$ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

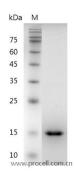
## 背景介绍

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.

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**SDS-PAGE** 

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