

GDNF/ATF/HSCR3, Human, Recombinant

货号 : PCK082

产品信息

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| 别名 | ATF, ATF1, ATF2, HFB1-GDNF, HSCR3 |
| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | MSPDKQMAVLPRRERNRQAAAANPENSRGKGRRGQRGKNRGCVLTAIHL 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

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| 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 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.

SDS-PAGE

