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Recombinant Human Glial Cell Line-Derived Neurotrophic Factor/GDNF Protein

产品货号: TP06172

第三版

别名:Glial Cell Line-Derived Neurotrophic Factor; hGDNF; Astrocyte-Derived Trophic Factor; ATF; GDNF

描述:Glial Cell Line-Derived Neurotrophic Factor (GDNF) is a disulfide-linked homodimeric glycoprotein that belongs to the TGF- superfamily. It has been shown to promote the survival of various neuronal subpopulations in both the central as well as the peripheral nervous systems at different stages of their development. Human GDNF cDNA encodes a 211 amino acid residue prepropeptide that is processed to yield a dimeric protein. Mature human GDNF was predicted to contain two 134 amino acid residue subunits. Cells known to express GDNF include Sertoli cells, type 1 astrocytes, Schwann cells, neurons, pinealocytes and skeletal muscle cells. Mutations in this gene may be associated with Hirschsprung disease.

配方:PBS

分子量:15.1 kDa

序列:Ser78-Ile211

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.