

Product datasheet

GDNF peptide ab51926

概述

产品名称 GDNF 多肽

描述

性质 Synthetic

技术指标

Our [Abpromise guarantee](#) covers the use of **ab51926** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 Blocking - Blocking peptide for Anti-GDNF antibody ([ab18956](#))

纯度 > 90 % SDS-PAGE.

形式 Liquid

补充说明 This is the blocking peptide for [ab18956](#)

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: 0.02% Thimerosal (merthiolate)

Constituents: 0.1% BSA, PBS, pH 7.2

常规信息

功能 Neurotrophic factor that enhances survival and morphological differentiation of dopaminergic neurons and increases their high-affinity dopamine uptake.

组织特异性 In the brain, predominantly expressed in the striatum with highest levels in the caudate and lowest in the putamen.

疾病相关 Defects in GDNF may be a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association with mutations of RET gene, defects in GDNF may be involved in Hirschsprung

disease. This genetic disorder of neural crest development is characterized by the absence of intramural ganglion cells in the hindgut, often resulting in intestinal obstruction. Defects in GDNF are a cause of congenital central hypoventilation syndrome (CCHS) [MIM:209880]; also known as congenital failure of autonomic control or Ondine curse. CCHS is a rare disorder characterized by abnormal control of respiration in the absence of neuromuscular or lung disease, or an identifiable brain stem lesion. A deficiency in autonomic control of respiration results in inadequate or negligible ventilatory and arousal responses to hypercapnia and hypoxemia.

序列相似性

Belongs to the TGF-beta family. GDNF subfamily.

细胞定位

Secreted.

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