

GDNF 抗原（重组蛋白）

中文名称：GDNF 抗原（重组蛋白）

英文名称：GDNF Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 20-211 amino acids of human GDNF

技术规格

Full name:	glial cell derived neurotrophic factor
Synonyms:	ATF1; ATF2; HSCR3; HFB1-GDNF
Swissprot:	P39905
Gene Accession:	BC069369
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a highly conserved neurotrophic factor. The recombinant form of this protein was shown to promote the survival and differentiation of dopaminergic neurons in culture, and was able to prevent apoptosis of motor neurons induced by axotomy. The encoded protein is processed to a mature secreted form that exists as a homodimer. The mature form of the protein is a ligand for the product of the RET (rearranged during transfection) protooncogene. Multiple transcript variants encoding different isoforms have been found for this gene. Mutations in this gene may be associated with Hirschsprung disease.