

Product datasheet

Recombinant human p75 NGF Receptor protein (Fc Chimera) ab83678

概述

产品名称	重组人p75 NGF Receptor蛋白(Fc Chimera)
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	HEK 293 cells

氨基酸序列

Accession [P08138](#)

种属 Human

序列 Theoretical sequence:
 KEACPTGLYTHSGECKACNLGEGVAQPCGANQTVCEPC
 LDSVTFSDVVSATEPCKPCTE
 CVGLQMSAPCVEADDAVCRCAYYGYYQ
 DETTGRCEACRVCEAGSLVFSCQDKQNTVC
 EECPDGTYSDEANHVDP
 CLPCTVCEDTERQLRECTRWADAECEEIPGRWITRSTPPEGS
 STAPS
 TQEPEAPPEQDLIASTVAGVVTTVMGSSQPVVTRGTTDNGSSNTKVDKVV
 EPKSC
 DKHTCPCPCAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV
 VDVSHEDPEVKFNWYVDG
 VEVHNAKTKPREEQYNSTYRVVSVLTVLHQ
 DWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
 PREPQVYTLPPSRDEL
 KNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGS
 FFLY
 SKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

氨基酸 1 to 250

额外的序列信息 Fusion of aa 1-250 of human NGF receptor and aa 93-330 of Fc region of human IgG1 (P01857). The chimeric protein was expressed in modified human 293 cells.

技术指标

Our [Abpromise guarantee](#) covers the use of **ab83678** in the following tested applications.

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

生物活性 The ED₅₀ of this chimera is typically 0.7 - 1.0 ug/ml as measured by its ability to neutralize beta NGF mediated proliferation of the human growth factor dependent TF-1 cell line.

应用 Functional Studies

SDS-PAGE

纯度 > 95 % SDS-PAGE.

形式 Lyophilised

制备和贮存

稳定性和存储 Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

Preservative: None

Constituents: 10% Trehalose, 1% Human serum albumin, PBS

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶 It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial.

Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

常规信息

功能 Low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. Can mediate cell survival as well as cell death of neural cells.

序列相似性 Contains 1 death domain.

Contains 4 TNFR-Cys repeats.

结构域 Death domain is responsible for interaction with RANBP9.

The extracellular domain is responsible for interaction with NTRK1.

翻译后修饰 N- and O-glycosylated.

O-linked glycans consist of Gal(1-3)GalNAc core elongated by 1 or 2 NeuNAc.

Phosphorylated on serine residues.

细胞定位 Membrane.

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