

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	<p>Theoretical sequence:</p> <p>KEACPTGLYTHSGECKACNLGEGVAQPCGANQTVCEPC LDSVTFSDVVSATEPCKPCTE CVGLQSMSAPCVEADDAVCRCAYGYYQ DETTGRCEACRVCEAGSGLVFSCQDKQNTVC EECPDGTYSDEANHVDP CLPCTVCEDTERQLRECTRWADAECEEIPGRWITRSTPPE GSD STAPS TQEPEAPPEQDLIASTVAGVTTVMGSSQPVVTRGTTDNG SSNTKVDKKV EPKSC DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVT CVV VDVSHEDPEVKFNWYVDG VEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEYKCKVSNKALPAPIEKTISKAKGQ PREPQVYTLPPSRDELTA KNQVSLTCLVKGFPYPSDIAVEWESNGQPENNYKTTTPVLD SDGS FFLY SKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</p>
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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 ED ₅₀ 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. Constituents: PBS, 1% Human serum albumin, 10% Trehalose 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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