

Recombinant Mouse PSPN protein ab56287

描述

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| 产品名称 | 重组小鼠PSPN蛋白 |
| 生物活性 | The ED ₅₀ was determined by its ability to stimulate proliferation of human thyroid carcinoma cells (TT cells) is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10 ⁷ units/mg. |
| 纯度 | > 95 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg). |
| 表达系统 | Escherichia coli |
| 蛋白长度 | Protein fragment |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Mouse |
| 序列 | ALAGSCLWS LTLPVAELGL GYASEEKVIF RYCAGSCPQE ARTQHSLVLA RLRGRGRAHG RPCCQPTSYA DVTFLDDQHH WQLPQLSAA ACGCGG |
| 氨基酸 | 61 to 156 |

技术指标

Our **Abpromise guarantee** covers the use of **ab56287** in the following tested applications.

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

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| 应用 | SDS-PAGE Functional Studies |
| 形式 | Lyophilized |

制备和贮存

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| 稳定性和存储 | Upon delivery aliquot. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C.. Constituent: 0.294% Sodium citrate This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| 复溶 | Reconstitute in water to a concentration of 0.1-1.0 mg/ml |

常规信息

相关性 PSPN is a neurotrophic factor, belonging to the GDNF family. Neurotrophic factors are important for the proper development and maintenance of the nervous system. These factors promote neuronal survival and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. PSPN has a similar structure to other family members, glial cell line-derived neurotrophic factor, Artemin and neurturin. All these proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures. PSPN signals through a multicomponent receptor system, composed of RET and one of four GFR alpha (alpha1-alpha4) receptors. The GFRalpha4 was first identified in chicken and was later shown to be the preferential binding subunit for PSPN. In contrast to GDNF and Neurturin, PSPN does not support survival of peripheral neurons.

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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