

Recombinant Mouse PSPN protein ab56287

製品の詳細

製品名	Recombinant Mouse PSPN protein
生理活性	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 $\geq 1 \times 10^7$ units/mg.
精製度	> 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).
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Mouse
配列	ALAGSCRLWS LTLPVAELGL GYASEEKVIF RYCAGSCPQE ARTQHSLVLA RLRGRGRAHG RPCCQPTSYA DVTFLDDQHH WQLPQLSAA ACGCGG
領域	61 to 156

特性

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.

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Lyophilized

前処理および保存

保存方法および安定性	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.
再構成	Reconstitute in water to a concentration of 0.1-1.0 mg/ml

関連情報

関連性	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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