

Recombinant human Neuritin protein ab69755

2 References

Description

Product name	Recombinant human Neuritin protein	
Biological activity	Determined by a cell proliferation using rat C6 cells. The ED₅₀ for this effect is 20.0-30.0 ng/mL.	
Purity	> 98 % SDS-PAGE. Purity is greater than 98% by SDS-PAGE and HPLC analyses. Endotoxin level is <0.100 ng/μg.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Escherichia coli	
Accession	<u>Q9NPD7</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	M-AGKCDAVFK GFSDCLLKLG DSMANYPQGL DDKTNIKTVC TYWEDFHSCT VTALTDQCQEG AKDMWDKLRK ESKNLNIQGS LFELCGSGN	
Predicted molecular weight	19 kDa	
Amino acids	28 to 115	

Specifications

Our **Abpromise guarantee** covers the use of **ab69755** in the following tested applications.

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

Applications	SDS-PAGE
	Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
	This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

General Info

Function

Promotes neurite outgrowth and especially branching of neuritic processes in primary hippocampal and cortical cells.

Sequence similarities

Belongs to the neuritin family.

Cellular localization

Cell membrane. Cell junction > synapse.

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

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