

RP00527

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Recombinant Human Neuroligin 1/NLGN1 Protein

Catalog No.: RP00527

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	22871	Q8N2Q7-2

Tags
C-6×His

Synonyms
NLGN1;NL1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Neuroligin-1 is a single-pass type I transmembrane protein which belongs to the type-B Carboxylesterase/Lipase family. Neuroligins are cell-adhesion molecules located at the postsynaptic side of the synapse. Neuroligins interact with beta-neurexins and this interaction is involved in the formation of functional synapses. Neurexins and Neuroligins are cell adhesion molecules present in excitatory and inhibitory synapses,

Basic Information

Description
Recombinant Human Neuroligin 1/NLGN1 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gln46-Leu676) of human Neuroligin 1/NLGN1 (Accession #Q8N2Q7-2) fused with a 6×His tag at the C-terminus.

Bio-Activity

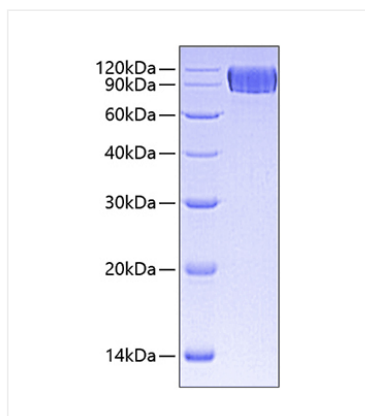
Storage
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human Neuroligin 1/NLGN1
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.