9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Agrin Rat

Agrin Rat Recombinant
RCP0029

Product Overview

Name	Agrin Rat
Description	
Agrin Rat Recombinant	
Accession (Primary)	P25304
Synonyms	
Agrin, Agrn, C90, C22, Agrin N-terminal 110 kDa subunit, Agrin C-terminal 110 kDa subunit, Agrin C-terminal 90 kDa fragment, Agrin C-terminal 22 kDa fragment, AGR	
Introduction	
Agrin or AGRN is a large protein (proteoglycan) that has a crucial part in the development of neuromuscular junction amid embryogenesis. The protein has an involvement in the collection and aggregation of acetylcholine receptors through synaptogenesis. The agrin gene can be found and expressed in rat embryonic nervous system andmuscle tissue. This Agrin protein is aggregated in the synapses, there it can take part in regeneration & development. The protein binds to receptors on the surface of skeletal muscle.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The Agrin solution (0.5mg/ml) contains 10% Glycerol in Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP SCYNSPL GCCSDGKTPS LDSEGSNCPA TKAFQGVLEL EGVEGQELFY TPEMADPKSE LFGETARSIE STLDDLFRNS DVKKDFWSVR LRELGPGKLV RAIVDVHFDP TTAFQASDVG QALLRQIQVS RPWALAVRRP LQEHVRFLDF DWFPTFFTGA ATGTTAAMAT ARATTVSRLP ASSVTPRVYP SHTSRPVGRT TAPPTTRRPP	

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TTATNMDRPR TPGHQQPSKS CDSQPCLHGG TCQDQDSGKG FTCSCTAGRG GSVCEKVQPP SMPAFKGHSF LAFPTLRAYH TLRLALEFRA LETEGLLLYN GNARGKDFLA LALLDGRVQF RFDTGSGPAV LTSLVPVEPG RWHRLELSRH WRQGTLSVDG ETPVVGESPS GTDGLNLDTN LYVGGIPEEQ VAMVLDRTSV GVGLKGCIRM LDINNQQLEL SDWQRAAVQS SGVGECGDHP CLPNPCHGGA LCQALEAGMF LCQCPPGRFG PTCADEKSPC QPNPCHGAAP CRVLSSGGAK CECPLGRSGT FCQTVLETAG SRPFLADFNG FSYLELKGLH TFERDLGEKM ALEMVFLARG PSGLLLYNGQ KTDGKGDFVS LALHNRHLEF CYDLGKGAAV IRSKEPIALG TWVRVFLERN GRKGALQVGD GPRVLGESPK SRKVPHTMLN LKEPLYIGGA PDFSKLARGA AVSSGFSGVI QLVSLRGHQL LTQEHVLRAV DVSPFADHPC TQALGNPCLN GGSCVPREAT YECLCPGGFS GLHCEKGLVE HHHHHH

Precautions

Agrin Rat is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P25304)