

Recombinant Human Contactin-associated protein 1(CNTNAP1),partial

Catalog No: #AP70178

Package Size: #AP70178-1 20ug #AP70178-2 100ug #AP70178-3 1mg

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Description

Product Name	Recombinant Human Contactin-associated protein 1(CNTNAP1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-356aaSequence Info:Partial
Other Names	Neurexin IVNeurexin-4p190
Accession No.	P78357
Calculated MW	53.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	DEELVGPLYARSLGASSYYSLLTAPRFARLHGISGWSPRIGDPNPWLQIDLMKKHRIRAVATQGSFNSWDWV TRYMLLYGDRVDSWTFYQRGHNSTFFGNVNESAVVRHDLHFHTARYIRIVPLAWNPRGKIGLRLGLYGCP YKADILYFDGDDAISYRFPRGVSRSLWDVFAFSFKTEEKDGLLLHAEGAQGDYVTLEGAHLLHMSLGSSPI QPRPGHTTVSAGGVLDNDQHWYVRVDRFGRDVNFTLDGYVQRFILNGDFERLNLDTFIGGLVGAARKNLA YRHNFRGCIENVIFNRVNIADLAVRRHSRITFEGKVAFRCL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Ses to play a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Ses to darcate the paranodal region of the axo-glial junction. In association with contactin may have a role in the signaling between axons and myelinating glial cells.

References

Identification of a novel contactin-associated transmembrane receptor with multiple domains implicated in protein-protein interactions.Peles E., Nativ M., Lustig M., Grumet M., Schilling J., Martinez R., Plowman G.D., Schlessinger J.EMBO J. 16:978-988(1997)Research Topic:Neuroscience

Note: This product is for in vitro research use only and is not intended for use in humans or animals.