

Recombinant Human CNTNAP1 Protein (26-356 aa), His-SUMO-tagged

Cat. No. CNTNAP1-417H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTNAP1 Protein (26-356 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	26-356 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.8 kDa
AA Sequence	DEELVGPLYARSLGASSYYSLLTAPRFARLHGISGWSPRIGDPNPWLQIDLMKKHRI RAVATQGSFNWDWVTRYMLLYGDRVDSWTPFYQRGHNSTFFGNVNESAVVRHD LHFHFTARYIRIVPLAWNPRGKIGLRLGLYGCPYKADILYFDGDDAISYRFPRGVSRS LWDVFAFSFKTEEKDGLLLHAEGAQGDYVTLELEGAHLLLHMSLGSSPIQPRPGHTT VSAGGVLNDQHWYVRVDRFGRDVNFTLDGYVQRFILNGDFERLNLDTFIGGLV

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	GAARKNLAYRHNFRGCIENVIFNRVNIADLAVRRHSRITFEGKVAFRCL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

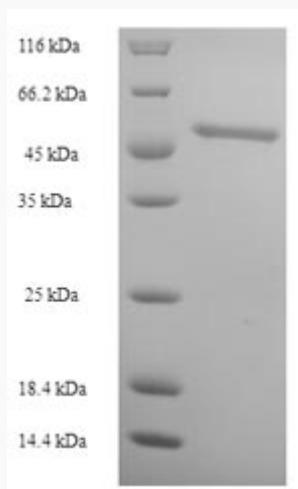
GENE INFORMATION

Gene Name	CNTNAP1 contactin associated protein 1 [Homo sapiens]
Official Symbol	CNTNAP1
Synonyms	P190; CASPR; NRXN4; CNTNAP
Gene ID	8506
mRNA Refseq	NM_003632.2
Protein Refseq	NP_003623.1
MIM	602346
UniProt ID	P78357

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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