

Recombinant Human CNTN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CNTN1-6493H Lot. No. (See product label)

SPECIFICATION

Product Overview	CNTN1 MS Standard C13 and N15-labeled recombinant protein (NP_778203) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	109.6 kDa
AA Sequence	MKMWLLVSHLVIISITTCLAVSEEDKGFPIFEEQPINTIYPEESLEGKVS LNCRARAS PFPVYKWRMNNGDVDLTSDRYSMVGGNLVINNPDKQKDAGIYYCLASNNYGMVRS TEATLSFGYLDPPPEERPEVRVKEGKGMVLLCDPPYHFPDDL SYRWLLNEFPVFIT MDKRRFVSQTNGNLYIANVEASDKGNYSFCVSSPSITKSVFSKFIPLIPIPERTTKPYP ADIVVQFKD VYALMGQNV TLECFALGNPVPDIRWRKVLEPMPSTAEISTSGAVLKIFN IQLEDEGIYECEAENIRGKDKHQARIYVQAFPEWVEHINDTEVDIGSDLYWPCVATGK PIPTIRWLKNGYAYHKGELRLYDVT FENAGMYQCIAENTYGA IYANAELKILALAPTFE MNP M K K K I L A A K G G R V I I E C K P K A A P K P K F S W S K G T E W L V N S S R I L I W E D G S L E I N N I

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TRNDGGIYTCFAENNRGKANSTGTLVITDPTRIILAPINADITVGENATMQCAASFDPA
 LDLTFVWSFNGYVIDFNKENIHYQRNFMLDSNGELLIRNAQLKHAGRYTCTAQTIVD
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 NESTVTGYKVLVLRPDGQHDGKLYSTHKHSIEVPIPRDGEYVVEVRAHSDGGDGVVS
 QVKISGAPTLSPSLLGLLLPAFGILVYLEFTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CNTN1 contactin 1 [Homo sapiens (human)]

Official Symbol CNTN1

Synonyms CNTN1; contactin 1; contactin-1; F3; glycoprotein gP135; GP135; neural cell surface protein F3;

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Gene ID 1272

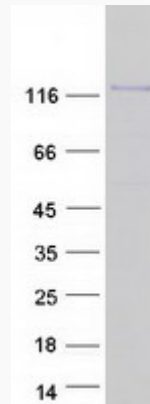
mRNA Refseq NM_175038

Protein Refseq NP_778203

MIM 600016

UniProt ID Q12860

SDS-PAGE



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