

## Active Recombinant Human CNTN5 Protein, His-tagged

Cat. No. CNTN5-1065H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CNTN5 (Accession # O94779) Glu19-Gln1059, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Protein Length</b>	Glu19-Gln1059
<b>Predicted N Terminal</b>	Glu19
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Able to significantly enhance neurite outgrowth when immobilized as a 3 µ droplet containing 100 ng on a nitrocellulose-coated microplate.
<b>Molecular Mass</b>	Recombinant Human CNTN5, His-tagged has a calculated MW of 115 kDa. In SDS-PAGE migrates as 145 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION****Gene Name** CNTN5 contactin 5 [ Homo sapiens ]**Official Symbol** CNTN5**Synonyms** CNTN5; contactin 5; contactin-5; hNB 2; NB 2; neural adhesion molecule; neural recognition molecule NB-2; NB-2; HNB-2s; MGC163491;**Gene ID** 53942**mRNA Refseq** NM\_001243270**Protein Refseq** NP\_001230199**MIM** 607219**UniProt ID** O94779**Chromosome Location** 11q21-q22.2 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA