

Active Recombinant Human CNTN5 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CNTN5 (Accession # O94779) Glu19-Gln1059, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu19-Gln1059
Predicted N Terminal	Glu19
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Human CNTN5, His-tagged has a calculated MW of 115 kDa. In SDS-PAGE migrates as 145 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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