

Active Recombinant Human CNTN5 protein, His-tagged

Cat. No. CNTN5-673H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CNTN5 protein(NP_055176.1) (Met 1-Gln 1059) with a C-terminal polyhistidine tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1059 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. When 5 x 10E4 cells/well are added to CNTN5 coated plates (0.8 µg/ml and 100 µl/well), approximately 30%-50% will adhere specifically after 60 minutes at 37 °C.
Molecular Mass	The secreted recombinant human CNTN5 comprises 1052 amino acids with a predicted molecular mass of 116 kDa. As a result of glycosylation, rhCNTN5 migrates as an approximately 130-140 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

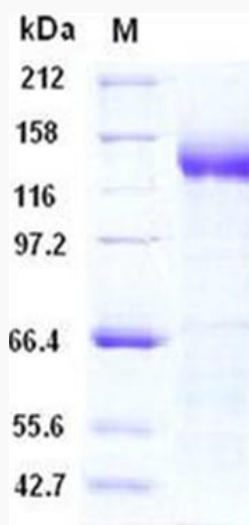
UniProt ID O94779

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SDS-PAGE



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