

Recombinant Human CNTN1 protein(Met1-Ser993), His-tagged

Cat. No. CNTN1-670H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTN1 (NP_001834.2)(Met1-Ser993) was expressed in HEK293 with the fused C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser993
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CNTN1 comprises 984 amino acids after removal of the signal peptide and has a predicted molecular mass of 110 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCNTN1 is approximately 125 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 [CNTN1 contactin 1 \[Homo sapiens \]](#)

Official Symbol [CNTN1](#)

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

Gene ID [1272](#)

mRNA Refseq [NM_001256063](#)

Protein Refseq [NP_001242992](#)

MIM [600016](#)

UniProt ID [Q12860](#)

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