

Recombinant Human CNTN1 protein, His & T7-tagged

Cat. No. CNTN1-5803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTN1 aa. (Tyr736~Leu1003 (Accession # Q12860)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr736~Leu1003
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

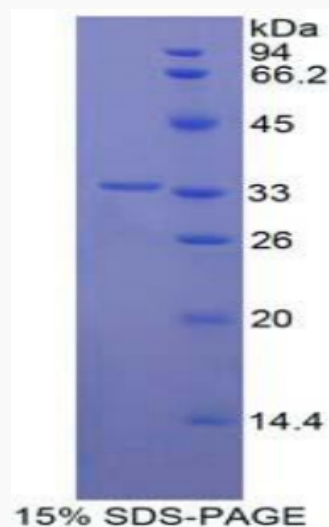
Gene Name	CNTN1 contactin 1 [Homo sapiens (human)]
Official Symbol	CNTN1
Synonyms	F3; GP135; MYPCN; glycoprotein gP135; neural cell surface protein F3; contactin-1
Gene ID	1272
mRNA Refseq	NM_001256063.1
Protein Refseq	NP_001242992.1
UniProt ID	Q12860

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SDS-PAGE



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