

Recombinant Human CNTN1, GST-tagged

Cat. No. CNTN1-11411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	25-350a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CNTN1 contactin 1 [Homo sapiens]
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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
Chromosome Location	12q11-q12
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Axon guidance, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Developmental Biology, organism-specific biosystem; L1CAM interactions, organism-specific biosystem;

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