

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 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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<b>Official Symbol</b>	CNTN1
<b>Synonyms</b>	CNTN1; contactin 1; contactin-1; F3; glycoprotein gP135; GP135; neural cell surface protein F3;
<b>Gene ID</b>	1272
<b>mRNA Refseq</b>	NM_001256063
<b>Protein Refseq</b>	NP_001242992
<b>MIM</b>	600016
<b>UniProt ID</b>	Q12860
<b>Chromosome Location</b>	12q11-q12
<b>Pathway</b>	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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