

Recombinant Human CNTN1, Fc-tagged

Cat. No. CNTN1-166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human contactin-1 (aa 1-993) is fused at the C-terminus to the Fc portion of human IgG.
Species	Human
Source	HEK293
ProteinLength	1-993 a.a.
Description	Contactin-1 is a member of the contactins, which mediate cell surface interactions during nervous system development. It is involved in oligodendrocytes generation by acting as a ligand of Notch1. It is also involved in motor coordination.
Form	Liquid. 0.2µm-filtered solution in PBS.
Molecular Mass	~120kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

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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
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;