

Recombinant Human CNTN6, Fc-tagged

Cat. No. CNTN6-26744TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Contactin 6 fused at the C terminus to the Fc portion of Human IgG; MWt: ~150 kDa.
Species	Human
Source	HEK293
ProteinLength	999 amino acids
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.
Conjugation	Fc
Molecular Weight	150.000kDa inclusive of tags
Tissue specificity	Expressed in nervous system. Highly expressed in cerebellum. Expressed at intermediate level in thalamus, subthalamic nucleus. Weakly expressed in corpus callosum, caudate nucleus and spinal cord.
Biological activity	Induces Hes-1 in 3T3L-1 cells.
Form	Liquid

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Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the immunoglobulin superfamily. Contactin family. Contains 4 fibronectin type-III domains. Contains 6 Ig-like C2-type (immunoglobulin-like) domains.

GENE INFORMATION

Gene Name	CNTN6 contactin 6 [Homo sapiens]
Official Symbol	CNTN6
Synonyms	CNTN6; contactin 6; contactin-6; NB 3; neural adhesion molecule;
Gene ID	27255
mRNA Refseq	NM_014461
Protein Refseq	NP_055276
MIM	607220
Uniprot ID	Q9UQ52
Chromosome Location	3p26-p25
Pathway	Axon guidance, organism-specific biosystem; CHL1 interactions, organism-specific

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biosystem; Developmental Biology, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem;

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