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Datasheet for ABIN1344107

## Contactin 6 Protein (CNTN6) (AA 1-999) (Fc Tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	Contactin 6 (CNTN6)
Protein Characteristics:	AA 1-999
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Contactin 6 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Cross-Reactivity:	Human
Characteristics:	Human contactin-6 (aa 1-999) is fused at the C-terminus to the Fc portion of human IgG.
Purity:	>90 % (SDS-PAGE)
Sterility:	0.2 µm filtered
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

#### Target Details

Target:	Contactin 6 (CNTN6)
Alternative Name:	Contactin-6 ( <a href="#">CNTN6 Products</a> )

## Target Details

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**Background:** Contactin-6 is a member of the contactins, which mediate cell surface interactions during nervous system development. Contactin-6 has a key role in the formation of glutamatergic, but not GABAergic, synapses during postnatal development of the hippocampal formation as well as the cerebellum. It is involved in oligodendrocytes generation by acting as a ligand of Notch1. It is also involved in motor coordination.

**Molecular Weight:** ~150kDa (SDS-PAGE)

**UniProt:** [Q9UQ52](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Comment:** Induces Hes-1 in 3T3L-1 cells.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

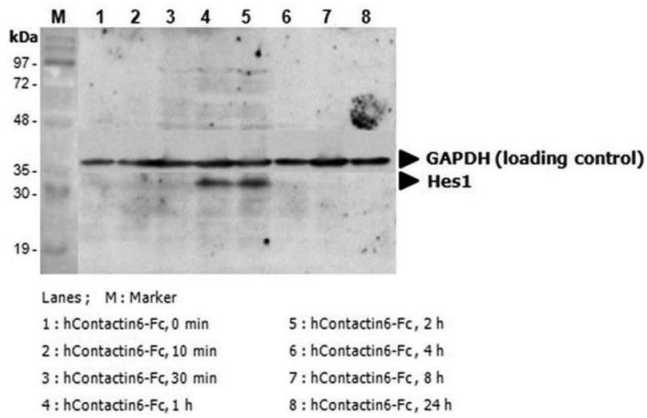
**Concentration:** Lot specific

**Buffer:** 0.2µm-filtered solution in PBS.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Short Term Storage: +4°C  
Long Term Storage: -20°C  
Working aliquots are stable for up to 3 months when stored at -20°C.

**Expiry Date:** 3 months



### Western Blotting

**Image 1.** Induction of Hes-1 with the treatment of hContactin-6-Fc. A mouse preadipocyte cell line, 3T3L1, was stimulated with 5µg/ml of hContactin-6-Fc as in indicated time points and each cell lysate was prepared and subjected to western blot by using anti-mouse Hes1 or GAPDH.