

## Contactin-3/CNTN3 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P74227
Synonyms:	Contactin-3; BIG-1; CNTN3; KIAA1496; PANG
Species:	Rat
Source:	HEK293
Accession:	Q62682 (M1-G1001)
Gene ID:	54279
Molecular Weight:	Approximately 135 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Contactin-3/CNTN3 protein is involved in mediating essential cell surface interactions crucial for nervous system development. This protein also possesses neurite outgrowth-promoting activity, indicating its role in promoting the extension of neuronal processes. Additionally, Contactin-3/CNTN3 protein interacts with PTPRG, suggesting its involvement in intricate signaling mechanisms that regulate neuronal growth and connectivity.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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