

CHODL Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P76821
Synonyms:	Chondrolectin; Chodl; C21orf68
Species:	Rat
Source:	HEK293
Accession:	D3ZI86 (M1-N216)
Gene ID:	288289
Molecular Weight:	Approximately 60 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm 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/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ 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	CHODL protein appears to be a significant contributor to the intricate processes underlying nervous system development, particularly in the realms of neurite outgrowth and elongation. Evidence suggests its potential involvement in guiding motor axon growth, emphasizing its role in shaping the structural framework of the nervous system. Through interactions with proteins like RABGGTB, CHODL likely engages in intricate molecular mechanisms that influence axon development and navigation. The comprehensive understanding of CHODL's functions, especially its impact on neurite dynamics and motor axon guidance, holds promise for unraveling key aspects of neural development and may contribute to insights into therapeutic strategies targeting nervous system disorders.
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Caution: Product has not been fully validated for medical applications. For research use only.

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