

## DLK-1 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P700706
Synonyms:	pG2; FA1; DLK; DLK1; DLK-1; Pref1; secredeltin; ZOG
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005562275.1 (A24-C306)
Gene ID:	102120804
Molecular Weight:	42-52 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant 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	DLK-1, also known as pre adipokine, is a transmembrane-secreted protein with an epidermal growth factor (EGF) -like repeat sequence. DLK-1 is a member of the conserved MAPKKK double leucine zipper kinases (DLKs) that play a role in synaptic formation, axon regeneration and degeneration. DLK-1 regulates the growth of pioneer axons by controlling Wnt signaling. DLK-1 is a cell surface protein expressed in many cancers, including hepatocellular carcinoma, and maybe a potential target for monoclonal antibodies to treat cancer <sup>[1][2][3]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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