

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

Cat. No.:	HY-P77914
Synonyms:	pG2; FA1; DLK; DLK1; DLK-1; Pref1; secredeltin; ZOG
Species:	Human
Source:	HEK293
Accession:	P80370 (A24-Q303)
Gene ID:	8788
Molecular Weight:	40-50 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% 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	<p>The DLK-1 protein appears to play a role in neuroendocrine differentiation, suggesting its involvement in the intricate processes associated with the development and specialization of neuroendocrine cells. Structurally, DLK-1 functions as a monomer, indicating that its singular molecular form is instrumental in carrying out its biological activities. Furthermore, DLK-1 interacts with SH3RF2, emphasizing potential molecular associations that may contribute to its functional roles. Further exploration into the specific mechanisms and downstream effects of DLK-1 in neuroendocrine differentiation could provide valuable insights into its significance and potential implications in neural development and cellular differentiation processes.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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