

## Delta-like protein 3/DLL3 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P77916
Synonyms:	Delta3; DLL3; Pudgy; SCDO1; SCDO1delta3
Species:	Mouse
Source:	HEK293
Accession:	O88516 (A25-R488)
Gene ID:	13389
Molecular Weight:	52-60 kDa

### PROPERTIES

Biological Activity	Immobilized Mouse DLL3, His Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC <sub>50</sub> of 7.7 ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant 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 <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	Delta-like protein 3 (DLL3) functions as an inhibitor of primary neurogenesis and may play a crucial role in diverting neurons along a specific differentiation pathway. Additionally, DLL3 is involved in the formation of somite boundaries during the segmentation of the paraxial mesoderm. Its ability to bind and activate Notch-1 or other Notch receptors underscores its significance in regulating developmental processes.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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