

FITC-Labeled Delta-like protein 3/DLL3 Protein, Human (HEK293, His)

Cat. No.:	HY-P701306
Synonyms:	Delta3; delta-like 3 (Drosophila); delta-like protein 3; DLL3; Pudgy; SCDO1; SCDO1delta3
Species:	Human
Source:	HEK293
Accession:	Q9NYJ7 (A27-L492)
Gene ID:	10683
Molecular Weight:	50-55 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from 0.22 μ m filtered solution of PBS, Arginine, pH7.4 with trehalose as protectant.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 1 year, protect from light. 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 emerges as a key regulator in the intricate landscape of neurogenesis and cellular differentiation. Acting as an inhibitor of primary neurogenesis, DLL3 is believed to play a crucial role in steering neurons along specific differentiation pathways. Its involvement extends beyond neurogenesis, contributing to the formation of somite boundaries during the segmentation of the paraxial mesoderm. Notably, DLL3 exhibits the capability to bind and activate Notch-1 or other Notch receptors, underscoring its significance in orchestrating cellular processes that govern developmental pathways and cellular fate determination.
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Caution: Product has not been fully validated for medical applications. For research use only.

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