

Recombinant Human Delta-like protein 3(DLL3), His-Tag

Cat. No. :	H100H
Alternative Names:	Delta-like protein 3; DLL3; rosophila Delta homolog 3; Delta3
Species:	Human
Accession No.:	Q9NYJ7
Expression System:	293 Cells
Protein Sequence:	Ala27-Leu492
Theoretical MW:	49.35 kDa
Tag:	6xHis-Tag.
Formulation buffer:	20mM Histidine, 8% Sucrose, 2% Mannitol, 100mM NaCl, 0.03% Tween80, pH 5.5.
Purity:	≥90% as determined by SDS-PAGE.
SEC-HPLC:	≥90% by SEC-HPLC.
Endotoxin Level:	≤1 EU/μg, as determined by the LAL assay.
Application:	Positive Control; Immunogen; SDS-PAGE; WB. <ul style="list-style-type: none">● Other potential applications lack experimental validation.

Storage

Shipping:	Shipped on dry ice. Short-term transit on cold packs (2-8°C) is acceptable.
Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">● 6 months from date of receipt, -80°C as supplied.● 3 months after opening, ≤ -80°C sterile storage.

Protein Description

Background: 人 Delta-like protein 3 (DLL3, UniProt: Q9NYJ7) 为 DLL3 基因编码的跨膜蛋白, 定位于 19q13.2, 属于 Notch 通路 Delta 配体家族。它主要在胚胎组织中高表达, 可负调控 Notch 信号, 参与神经分化、体节及骨骼发育; 该基因突变会造成先天性骨骼畸形, 且其在多种神经内分泌肿瘤中异常上调, 是重要的肿瘤靶向分子。

References:

1. Bulman MP, et al. Mutations in the human delta homologue, DLL3, cause axial skeletal defects in spondylocostal dysostosis[J]. Nature Genetics, 2000, 24(4):389-392.
2. UniProt Consortium. Q9NYJ7 (DLL3_HUMAN) - Delta-like protein 3[EB/OL]. UniProt Knowledgebase, 2026.
3. Fujino K, et al. Delta-like 3 localizes to neuroendocrine cells and plays a pivotal role in gastrointestinal neuroendocrine malignancy[J]. Oncology Reports, 2019, 42(4):1627-1636.

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