


Rev04
 Update: Aug,08,2025
DATASHEET

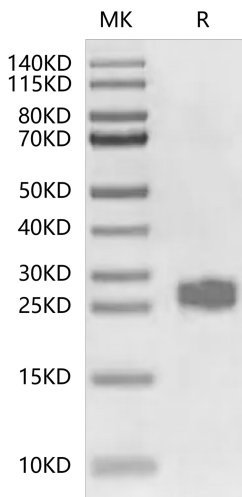
DLL3 Domain (311-479)[Biotin], His&Avi, Human

Cat. No.: Z03953

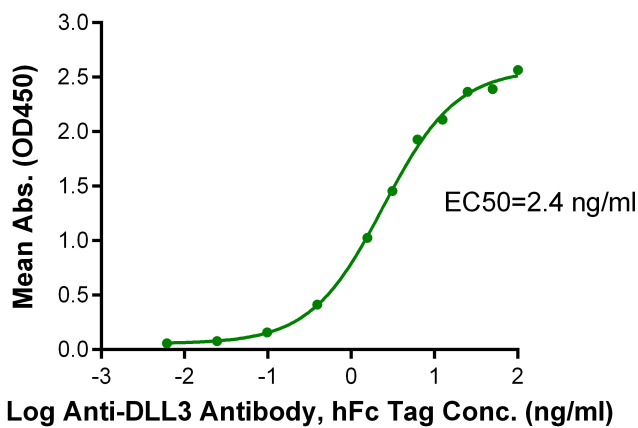
Product Introduction

Species	Human
Protein Construction	 <p>DLL3 Domain (Val311-Ala479) Accession # Q9NYJ7-1</p> <p>N-term His Avi C-term</p>
Conjugate	Biotin
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized DLL3 Domain (311-479)[Biotin], His&Avi, Human (Cat.No.: Z03953) at 0.5 µg/ml (100µl/Well) on streptavidin precoated plate can bind Anti-DLL3 Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	21.20 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 25-30 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

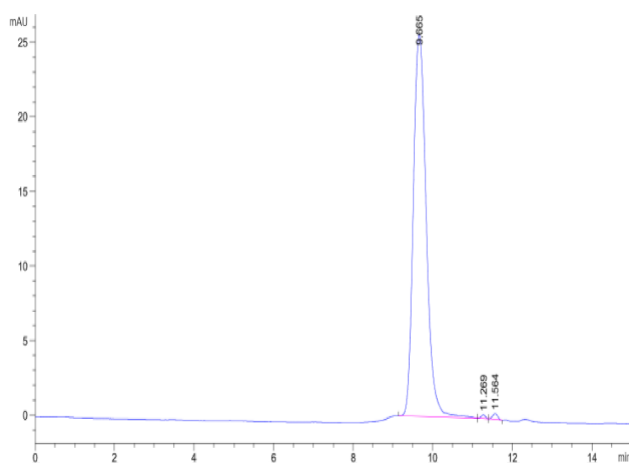
Examples



Biotinylated DLL3 Domain (311-479)[Biotin], His & Avi, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized DLL3 Domain (311-479)[Biotin], His & Avi, Human at 0.5 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) on the streptavidin precoated plate (5 $\mu\text{g/ml}$). Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 2.4 ng/ml determined by ELISA.



The purity of Biotinylated DLL3 Domain (311-479)[Biotin], His & Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Delta-like ligand 3 (DLL3) is an inhibitory Notch ligand. It is highly expressed on the surface of Small cell lung cancer (SCLC) and other neuroendocrine tumors. And its expression promotes SCLC migration and invasion. DLL3 agents are evaluated in several ongoing clinical studies in SCLC and other neuroendocrine tumors.

Synonyms : Delta3; DLL3; Pudgy; SCDO1; SCDO1delta3

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China