

Recombinant Human DLL4 Protein, His Tag

产品信息

产品名称	产品编号	规格
Recombinant Human DLL4 Protein, His Tag	93874ES60	100 µg
	93874ES76	500 µg

产品简介

DLL4 is a type I membrane protein belonging to the Delta/Serrate/Lag2 (DSL) family of Notch ligands. Notch signaling is an evolutionarily conserved pathway that controls cell fate and is required in multiple developmental processes including vascular development, hematopoiesis, somatogenesis, and myogenesis

性能参数

Synonyms	DLL4; MGC126344; notch ligand DLL4; Delta4; Delta-like 4
Uniprot No.	Q9NR61
Source	Recombinant Human DLL4 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ser27-Pro524.
Molecular Weight	The protein has a predicted MW of 55.7 kDa. Due to glycosylation, the protein migrates to 62-68 kDa based on Tris-Bis PAGE result.
Purity	> 95% as determined by SDS-PAGE and HPLC.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

SDS-PAGE

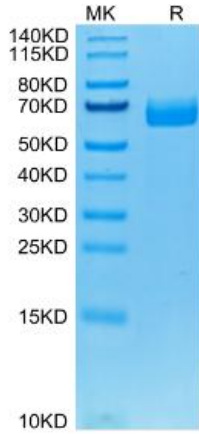


Figure 1. Human DLL4 on SDS-PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

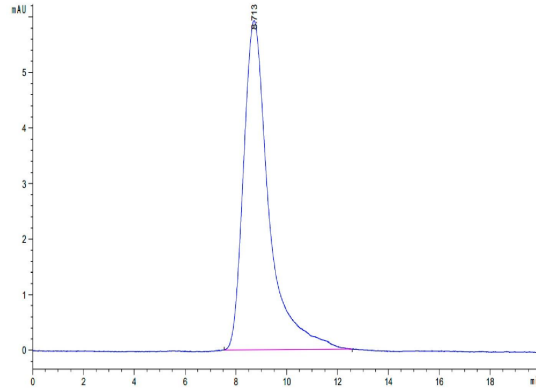


Figure 2. The purity of Human DLL4 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human DLL4, His Tag ELISA

0.1 μ g Human DLL4, His Tag Per Well

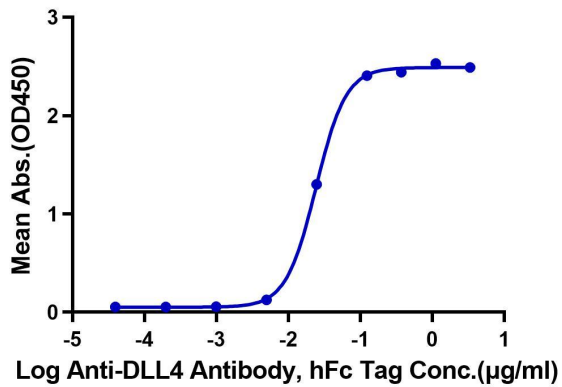


Figure 3. Immobilized Human DLL4, His Tag at 1 μ g/ml (100 μ l/Well) on the plate. Dose response curve for Anti-DLL4 Antibody, hFc Tag with the EC50 of 24.1ng/ml determined by ELISA