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Datasheet for ABIN6253471

DLL4 Protein (AA 27-529, active Mutant) (Fc Tag)

Overview

Quantity:	10 µg
Target:	DLL4
Protein Characteristics:	AA 27-529, active Mutant
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLL4 protein is labelled with Fc Tag.

Product Details

Purpose:	DLL4 (human):Fc (human) (rec.) (highly active mutant)
Specificity:	Extracellular domain of human DLL4 (aa 27-529 plus mutations) are fused at the C-terminus to the Fc portion of human IgG1.
Characteristics:	<p>Protein. Extracellular domain of human DLL4 (aa 27-529 plus mutations) are fused at the C-terminus to the Fc portion of human IgG1. Source: HEK 293 cells. Endotoxin content: <0.01EU/µg purified protein (LAL test, Lonza). Lyophilized. Contains PBS. Purity: >95 % (SDS-PAGE). The Notch ligand delta-like protein 4 (DLL4) is expressed highly and selectively within the arterial endothelium and has been shown to function as a ligand for Notch1 and Notch4. It is induced by VEGF as a negative feedback regulator and acts to prevent overexuberant angiogenic sprouting, promoting the timely formation of a well differentiated vascular network. DLL4-Notch1 signaling regulates the formation of appropriate numbers of tip cells to control vessel sprouting and branching in the mouse retina.</p>
Purity:	>95 % (SDS-PAGE)

Product Details

Endotoxin Level: <0.01EU/μg purified protein (LAL test, Lonza).

Target Details

Target: DLL4

Alternative Name: DLL4 ([DLL4 Products](#))

Background: Alternate Names/Synonyms: Delta-like Protein 4, Delta4
Product Description: The Notch ligand delta-like protein 4 (DLL4) is expressed highly and selectively within the arterial endothelium and has been shown to function as a ligand for Notch1 and Notch4. It is induced by VEGF as a negative feedback regulator and acts to prevent overexuberant angiogenic sprouting, promoting the timely formation of a well differentiated vascular network. DLL4-Notch1 signaling regulates the formation of appropriate numbers of tip cells to control vessel sprouting and branching in the mouse retina.

UniProt: [Q9NR61](#)

Pathways: [Notch Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Handling Advice: After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. PBS containing at least 0.1 % BSA should be used for further dilutions.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.