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Datasheet for ABIN7504312

DLL4 Protein (AA 27-524) (His tag)

Overview

Quantity:	100 µg
Target:	DLL4
Protein Characteristics:	AA 27-524
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLL4 protein is labelled with His tag.

Product Details

Purpose:	Human DLL4 Protein
Sequence:	Ser27-Pro524
Characteristics:	Recombinant Human DLL4 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ser27-Pro524.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	DLL4
Alternative Name:	DLL4 (DLL4 Products)

Target Details

Background:	Delta-like protein 4 (DLL4) is a type I membrane protein belonging to the Delta/Serrate/Lag2 (DSL) family of Notch ligands. Activates NOTCH1 and NOTCH4. Involved in angiogenesis, negatively regulates endothelial cell proliferation and migration and angiogenic sprouting. Essential for retinal progenitor proliferation. Required for suppressing rod fates in late retinal progenitors as well as for proper generation of other retinal cell types (By similarity). During spinal cord neurogenesis, inhibits V2a interneuron fate.
Molecular Weight:	55.38 kDa. Due to glycosylation, the protein migrates to 56-70 kDa based on Tris-Bis PAGE result.
Pathways:	Notch Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS, 200 mM L-Arginine (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months