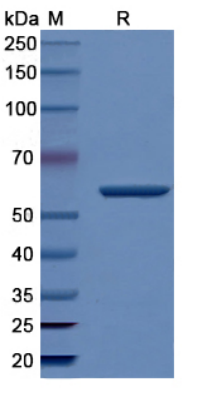
DLL4 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	DLL4, Recombinant Protein
Full Product Name	Recombinant Human DLL4, N-His
Product Gene Name	DLL4 recombinant protein
Product Synonym Names	Delta-like protein 4; Drosophila Delta homolog 4; Delta4; DLL4
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	74,605 Da
Sequence Positions	Leu16-Ala539
3D Structure	ModBase 3D Structure for Q9NR61
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for DLL4 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for DLL4 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for DLL4 recombinant protein	MBS1575367 is a recombinant protein targeting DLL4. Also known as Recombinant Human DLL4, N-His. Host: E coli.
Other Notes	Small volumes of DLL4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of DLL4 recombinant protein
SDS PAGE for recombinant Human DLL4 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLL4. It may not necessarily be applicable to this product.

NCBI GI #	9506545
NCBI GeneID	54567
NCBI Accession #	NP_061947.1
UniProt Primary Accession #	Q9NR61
UniProt Secondary Accession #	Q3KP23; Q9NQT9
UniProt Related Accession #	Q9NR61
GenBank Nucleotide #	NM_019074.4
NCBI Official Full Name	delta-like protein 4
NCBI Official Synonym Full Names	delta like canonical Notch ligand 4
NCBI Official Symbol	DLL4
NCBI Official Synonym Symbols	AOS6; delta4; hdelta2
UniProt Protein Name	Delta-like protein 4
UniProt Synonym Protein Names	Drosophila Delta homolog 4; Delta4
Protein Family	Delta-like protein
UniProt Gene Name	DLL4
UniProt Synonym Gene Names	Delta4
NCBI Protein Information	delta-like protein 4
NCBI Summary for DLL4	This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. [provided by RefSeq, Jul 2008]
UniProt Comments for DLL4	Involved in the Notch signaling pathway as Notch ligand (PubMed:11134954). Activates NOTCH1 and NOTCH4. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting (PubMed:20616313). 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 (). During spinal cord neurogenesis, inhibits V2a interneuron fate (PubMed:17728344).
Research Articles on DLL4	**1.** The regulation of DLL4 by the LDB2 complex provides a novel mechanism of DLL4 transcriptional control that may be exploited to develop therapeutics for aberrant vascular remodeling.
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