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32-8849: Recombinant Human Delta-like Protein 3/DLL3 (N-8His-Flag)(Discontinued)

Gene : DLL3
Gene ID : 10683
Uniprot ID : Q9NYJ7

Description

Source: Human Cells.
MW :50.3kD.
Recombinant Human Delta-like Protein 3 is produced by our expression system and the target gene encoding Ala27-Arg490 is expressed Delta-like protein 3 (DLL3) a member of the delta protein ligand family and inhibits primary neurogenesis. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mature human DLL1 consists of a 466 amino acid (aa) extracellular domain (ECD) with one DSL domain and six EGF-like repeats, a 21 aa transmembrane segment, and a 105 aa cytoplasmic domain. It plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm. DLL3 binds and activates Notch-1. Defects in DLL3 are the cause of spondylocostal dysostosis type 1 (SCDO1). Expression of DLL3 is highest in fetal brain. It plays a key role in somitogenesis within the Paraxial mesoderm.

Product Info

Amount :	Flag) / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	HHHHHHHHDYKDDDDKAGVFELQIHSFGPGPGPGAPRSPCSARLPCRLFFRVCLKPGLSEEAAESPCALGAAL SARGPVYTEQPGAPAPDLPLPDGLLQVPFRDAWPGTFSFIIETWREELGDQIGGPAWSLLARVAGRRRLAAGG PWARDIQRAGAWELRFSYRARCEPPAVGTACTRLCRPRSAPSRCGPGLRPCAPLEDECEAPLVCRAGCSPEHG FCEQPGECRCLEGWTGPLCTVPVSTSSCLSPRGPSSATTGCLVPGPGPCDGNPCANGGSCSETPRSFECTCPR GFYGLRCEVSGVTCADGPCFNGGLCVGGADPDSAYICHCPPGFQGSNCEKRVDRCSLQPCRNGGLCLDLGH ALRCRCRAGFAGPRCEHDLDDCAGRACANGGTCVEGGGAHRCSCALGFGGRDCRERADPCAARPCAHGGR CYAHFSGLVCACAPGYMGARCEFPVHPDGASALPAAPPGLRPGDPQR

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.