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DLK1 Human, HEK

Delta-Like 1 Human Recombinant, HEK
RCP0649

Product Overview

Name	DLK1 Human, HEK
Description	
Delta-Like 1 Human Recombinant, HEK	
Accession (Primary)	P80370
Synonyms	
DLK1, Delta-Like 1 Homolog (Drosophila), PREF1, DLK-1, FA1, DLK, PG2, Delta-Like Homolog (Drosophila), Protein Delta Homolog 1, Preadipocyte Factor 1, Fetal Antigen 1, Secredeltin, DELTA1, Pref-1, ZOG.	
Introduction	
Delta-Like 1, also known as DLK1 is a member of the Notch/Delta/Serrate family of epidermal growth factor (EGF)-like repeat-containing proteins which act as ligands in the Notch signaling pathway. Furthermore, DLK1 has six highly conserved epidermal-growth-factor motifs and it also contains up to ten O-glycosylation and N-glycosylation locations, six of them are differentially glycosylated.	
Source	
HEK293 Cells.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
DLK1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5% w/v trehalose, pH7.4	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
AECFPACNPQ NGFCEDDNVC RCQPGWQGPL CDQCVTSPGC LHGLCGEPGQ CICTDGWDGE LCDRDVRACS SAPCANNRTC VSLDDGLYEC SCAPGYSGKD CQKKDGPCVI NGSPCQHGGT CVDDEGRASH ASCLCPPGFS GNFCEIVANS CTPNPCENDG VCTDIGGDFR CRCPAGFIDK TCSRPVTNCA SSPCQNGGTC LQHTQVSYEC	

LCKPEFTGLT CVKKRALSPQ QVTRLPSGYG LAYRLTPGVH ELPVQQPEHR ILKVSMKELN KKTPLLTEGQ HHHHHHHHHH .

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. DLK1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

DLK1 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P80370)