

Recombinant Human DCLK1, Gly & Pro tagged

Cat. No. DCLK1-519H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human DCLK1 (O15075-1) (Met1-Val705), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | 1-705 a.a. |
| Predicted N Terminal | Gly |
| Form | Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| Molecular Mass | The secreted recombinant human DCLK1 consists of 707 amino acids and predicts a molecular mass of 78.5 KDa. The apparent molecular mass of the protein is approximately 64 KDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 eu per µg of the protein as determined by the LAL method. |
| Purity | >85 % as determined by SDS-PAGE |
| Stability | Samples are stable for up to twelve months from date of receipt at -70oC. |
| Storage | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name DCLK1 doublecortin-like kinase 1 [Homo sapiens]

Official Symbol DCLK1

Gene ID 9201

mRNA Refseq NM_001195415

Protein Refseq NP_001182344

MIM 604742

UniProt ID O15075

Chromosome Location 13q13.3

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