

# Recombinant Human DPCD Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DPCD-3006H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | DPCD MS Standard C13 and N15-labeled recombinant protein (NP_056263) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | This gene in mouse encodes a protein that may be involved in the generation and maintenance of ciliated cells. In mouse, expression of this gene increases during ciliated cell differentiation, and disruption of this gene has been linked to primary ciliary dyskinesia. |
| <b>Molecular Mass</b>   | 23.2 kDa  |
| <b>AA Sequence</b>      | MAVTGWLESLRTAQKTALLQDGRRKVHYLFPDGKEMAEYDEKTSSELLVRKWRVK<br>SALGAMGQQWQLEVGDPAPLGAGNLGPELIKESNANPIFMRKDTKMSFQWRIRNLPY<br>PKDVYSVSDQKERCIIVRTTNKKYYKFSIPDLDRHQLPLDDALLSFAHANCTLIISY<br>QKPKEVVVAESELQKELKKVKTAKSNDGDCKTQTRTRPLEQKLISEEDLAANDILDY<br>KDDDDKV                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

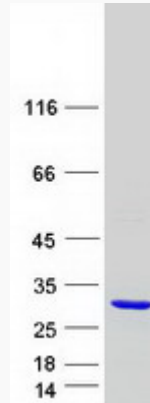
|                         |  |
|-------------------------|--|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.  |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.  |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | DPCD deleted in primary ciliary dyskinesia homolog (mouse) [ Homo sapiens (human) ]  |
| <b>Official Symbol</b>  | DPCD   |
| <b>Synonyms</b>         | DPCD; deleted in primary ciliary dyskinesia homolog (mouse); protein DPCD; DKFZP566F084; RP11 529I10.4; deleted in a mouse model of primary ciliary dyskinesia; RP11-529I10.4; DKFZp566F084; |
| <b>Gene ID</b>          | 25911  |
| <b>mRNA Refseq</b>      | NM_015448  |
| <b>Protein Refseq</b>   | NP_056263  |
| <b>MIM</b>              | 616467   |
| <b>UniProt ID</b>       | Q9BVM2   |

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**SDS-PAGE**



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