

## Recombinant Human DNPH1 Protein, His-Tagged

**Cat. No.** DNPH1-0100H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DNPH1 (NP_006434, 1 a.a. - 174 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | This gene was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described. [provided by RefSeq, Jul 2008] |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 21.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MGSSHHHHHHSSGLVPRGSHMAAAMVPGRSESWERGEPRPALYFCGSIRGGRE<br>DRTLIERIVSRLRRFGTVLTEHVAAAELGARGEAAAGGDRLIHEQDLEWLQQADV<br>VAEVTQPSLGVGYELGRAVAFNKRILCLFRPQSGRVLSAMIRGAADGSRFQVWDYE<br>EGEVEALLDRYFEADPPGQVAASPDPTT                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 95% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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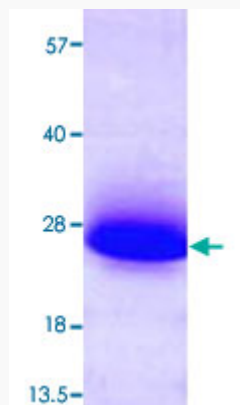
|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                |
| <b>Concentration</b>    | 1 mg/mL                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b>   | In 20 mM Tris-HCl, pH 8.0 (1 mM dithiothreitol, 10% glycerol)                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | DNPH1 2'-deoxynucleoside 5'-phosphate N-hydrolase 1 [ Homo sapiens (human) ]                                                                                                                                                                         |
| <b>Official Symbol</b>  | DNPH1                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | DNPH1; 2'-deoxynucleoside 5'-phosphate N-hydrolase 1; C6ORF108; chromosome 6 open reading frame 108; deoxyribonucleoside 5-monophosphate N-glycosidase; dJ330M21.3; rcl; putative c-Myc-responsive; c-Myc-responsive protein Rcl; RCL; RP3-330M21.3; |
| <b>Gene ID</b>          | 10591                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_006443                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_006434                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>       | O43598                                                                                                                                                                                                                                               |

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**Quality Control  
Testing**



Loading 3  $\mu$ g protein in 15% SDS-PAGE

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