

## Recombinant Human DNAJC15 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DNAJC15-2172H    **Lot. No.** (See product label)

### SPECIFICATION

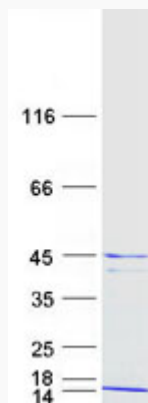
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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DNAJC15 MS Standard C13 and N15-labeled recombinant protein (NP_037370) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                          |
| <b>Description</b>      | Negative regulator of the mitochondrial respiratory chain. Prevents mitochondrial hyperpolarization state and restricts mitochondrial generation of ATP. Acts as an import component of the TIM23 translocase complex. Stimulates the ATPase activity of HSPA9. |
| <b>Molecular Mass</b>   | 16.4 kDa                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAARGVIAPVGESLRYAEYLQPSAKRPDADVDQQLVRS LIAVGLGVAALAFAGRY<br>AFRIWKPLEQVITETAKKISTPSFSSYYKGGFEQKMSRREAGLILGVSPSAGKAKIRT<br>AHRVMILNHPDKGGSPYVAAKINEAKDLLETTTKHTRTRPLEQKLISEEDLAANDIL<br>DYKDDDDKV                                                                |
| <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.                                                                                                                                                                      |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>        | DNAJC15 DnaJ heat shock protein family (Hsp40) member C15 [ Homo sapiens (human) ]                                                                                                                                                                                                                                 |
| <b>Official Symbol</b>  | DNAJC15                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | DNAJC15; DnaJ (Hsp40) homolog, subfamily C, member 15; DnaJ (Hsp40) homolog, subfamily D, member 1, DNAJD1; dnaJ homolog subfamily C member 15; MCJ; DNAJ domain-containing; methylation-controlled J protein; cell growth-inhibiting gene 22 protein; DnaJ (Hsp40) homolog, subfamily D, member 1; HSD18; DNAJD1; |
| <b>Gene ID</b>          | 29103                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_013238                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_037370                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 615339                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q9Y5T4                                                                                                                                                                                                                                                                                                             |

**SDS-PAGE**

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