

## Recombinant Human CARKD lysate

Cat. No. CARKD-278HCL    Lot. No. (See product label)

### SPECIFICATION

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Product Overview    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| Species             | Human                                                                                    |
| Source              | HEK293                                                                                   |
| Molecular Mass      | 44713.77Da                                                                               |
| Recommended Usage   | WB                                                                                       |
| Storage Instruction | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

### GENE INFORMATION

|                 |                                                                                                                                                 |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | CARKD carbohydrate kinase domain containing [ Homo sapiens ]                                                                                    |
| Official Symbol | CARKD                                                                                                                                           |
| Synonyms        | LP3298; ATP-dependent (S)-NAD(P)H-hydrate dehydratase; CARKD; ATP-dependent NAD(P)HX dehydratase; carbohydrate kinase domain-containing protein |
| Gene ID         | 55739                                                                                                                                           |
| mRNA Refseq     | NM_001242881                                                                                                                                    |

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|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_001229810                                                                           |
| <b>MIM</b>                 | 615910                                                                                 |
| <b>UniProt ID</b>          | Q8IW45                                                                                 |
| <b>Chromosome Location</b> | 13q34                                                                                  |
| <b>Function</b>            | ATP binding; ATP-dependent NAD(P)H-hydrate dehydratase activity;<br>molecular_function |

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