

## Recombinant Human CT45A6 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CT45A6-3050H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CT45A6 MS Standard C13 and N15-labeled recombinant protein (NP_001017438) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                 |
| <b>Description</b>      | CT45A6 (Cancer/Testis Antigen Family 45 Member A6) is a Protein Coding gene. An important paralog of this gene is CT45A5.                                                                                                              |
| <b>Molecular Mass</b>   | 21.1 kDa                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MTDKTEKVAVDPETVFKRPRECDSPSYQKRQRMALLARKQGAGDSLIAGSAMSKE<br>KKLMTGHAIPPSQLDSQIDDFTGFSKDRMMQKPGSNAPVGGNVTSSFSGDDLECR<br>ETASSPKSQREINADIKRKLVKELRCVGQKYEKIFEMLEGVQGPTAVRKRFFESIIE<br>AARCMRRDFVKHLKKLKRMITRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <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.                                                                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                            |

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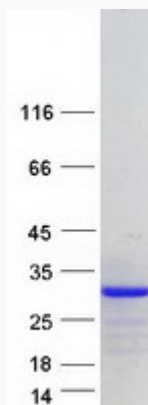
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>        | CT45A6 cancer/testis antigen family 45 member A6 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | CT45A6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>         | CT45A6; cancer/testis antigen family 45 member A6; CT45-5; CT45-6; CT45.6; CT45A5; CT45A7; cancer/testis antigen family 45 member A6; Cancer/testis antigen 45-5; Cancer/testis antigen 45A5; Cancer/testis antigen 45A7; Cancer/testis antigen family 45 member A5; Cancer/testis antigen family 45 member A7; cancer/testis antigen 45-4/6; cancer/testis antigen 45-6; cancer/testis antigen 45A4/45A6; cancer/testis antigen 45A6; cancer/testis antigen CT45-6; cancer/testis antigen family 45 member A4/A6 |
| <b>Gene ID</b>          | 541465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>      | NM_001017438                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_001017438                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>              | 300797                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>       | P0DMU7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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**SDS-PAGE**

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