

## Recombinant Human CTH Protein (Met1-Ser405)

**Cat. No.** CTH-1867H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CTH (Met1-Ser405) without tag was expressed in E. coli.                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Ser405                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 44.55 kDa                                                                                                                                                                               |
| <b>Purity</b>           | >90% as determined by SDS-PAGE                                                                                                                                                          |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS or lyophilized from PBS.                                                                                                                               |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |
| <b>Shipping</b>         | They are shipped out with dry ice/blue ice unless customers require otherwise.                                                                                                          |

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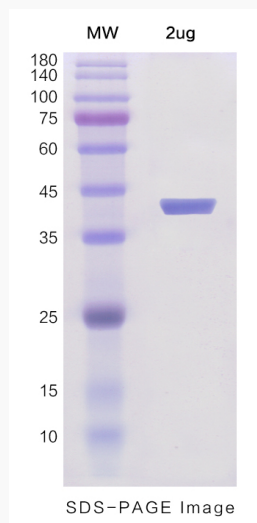
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                 |                                                                                                                                                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | CTH cystathionase (cystathionine gamma-lyase) [ Homo sapiens (human) ]                                                                                                                                       |
| Official Symbol | CTH                                                                                                                                                                                                          |
| Synonyms        | CTH; cystathionase (cystathionine gamma-lyase); cystathionine gamma-lyase; gamma-cystathionase; homoserine deaminase; cysteine desulfhydrase; homoserine dehydratase; cysteine-protein sulfhydrase; MGC9471; |
| Gene ID         | 1491                                                                                                                                                                                                         |
| mRNA Refseq     | NM_001190463                                                                                                                                                                                                 |
| Protein Refseq  | NP_001177392                                                                                                                                                                                                 |
| MIM             | 607657                                                                                                                                                                                                       |
| UniProt ID      | P32929                                                                                                                                                                                                       |

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## SDS-PAGE



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