

## Cystathionase Recombinant Protein | CTH recombinant protein

Recombinant Human Cystathionase

|                               |                       |                                            |
|-------------------------------|-----------------------|--------------------------------------------|
| CATALOG #<br><b>AAA249478</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|--------------------------------------------|

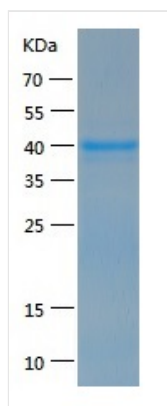
### PRODUCT SYNONYMS

Cystathionase; Recombinant Human Cystathionase; CGL\_HUMAN; CTH; cystathionase (cystathionine gamma-lyase); Cystathionine gamma lyase; Cystathionine gamma-lyase; Cysteine desulhydrase; Gamma cystathionase; Gamma-cystathionase; Homoserine deaminase; Homoserine dehydratase; MGC9471; CTH recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E Coli                                                                                                                                             |
| Purity/Purification                                 | Greater than 95% by SDS-PAGE gel analyses                                                                                                          |
| Form/Format                                         | Lyophilized from 0.2 um filtered solution in 10mM Hepes, 500 mM NaCl with 5%trhalose and 0.06% proclin, pH7.4                                      |
| Sequence Positions                                  | 1-405                                                                                                                                              |
| Applicable Applications for CTH recombinant protein | ELISA, WB (Western Blot)                                                                                                                           |
| Species                                             | Human                                                                                                                                              |
| Tag                                                 | N-terminal His-IF2DI Tag                                                                                                                           |
| Reconstitution                                      | Sterile distilled water                                                                                                                            |
| Reconstitution                                      | Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 ug/mL in sterile distilled water by gently pipetting 2-3 times, do not vortex. |
| Preparation and Storage                             | Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution                         |

### IMAGES



SDS-PAGE  
SDS-Page

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27735163                                                                                                                                                                                      |
| NCBI GeneID                      | 1491                                                                                                                                                                                          |
| UniProt Accession #              | P32929; Q53FB3; Q53Y79; Q9H4W7; Q9H4W8; B4E1R2; E9PDV0                                                                                                                                        |
| Molecular Weight                 | 65.1 kDa                                                                                                                                                                                      |
| NCBI Official Full Name          | Cystathionine gamma-lyase                                                                                                                                                                     |
| NCBI Official Synonym Full Names | cystathionine gamma-lyase                                                                                                                                                                     |
| NCBI Official Symbol             | CTH                                                                                                                                                                                           |
| NCBI Protein Information         | cystathionine gamma-lyase; gamma-cystathionase; homoserine deaminase; cysteine desulfhydrase; homoserine dehydratase; cysteine-protein sulfhydrase; cystathionase (cystathionine gamma-lyase) |
| UniProt Protein Name             | Cystathionine gamma-lyase                                                                                                                                                                     |
| UniProt Gene Name                | CTH                                                                                                                                                                                           |
| UniProt Entry Name               | CGL_HUMAN                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cth-recombinant-protein-e-coli-elisa-wb-western-blot/249478>