

Cystathionine (CTH) Recombinant Protein | CTH recombinant protein

Recombinant Cystathionine (CTH)

CATALOG # AAA152100	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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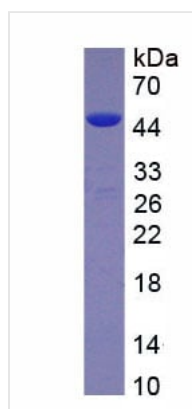
PRODUCT SYNONYMS

Cystathionine (CTH); Recombinant Cystathionine (CTH); CTH/Cystathionine; CSE; Cystathionase; Cysteine-protein sulfhydrase; Gamma-cystathionase; CTH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Met1~Ser40 5
Applicable Applications for CTH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.7
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Cytoplasm
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

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MQEKDASSQG FLPHFQHFAT QAIHVGQDPE QWTSRAVVPP ISLSTTFKQG
APGQHS GFY SRS GNPTRNC LEKAVAALDG AKYCLAFASG LAATVTITHL
LKAGDQIICM DDVYGGTNRV FRQVASEFGL KISFVDCSKI KLEAAITPE
TKLVWIETPT NPTQKVIDIE GCAHIVHKHG DIILVVDNTE MSPYFQRPLA
LGADISMYSY TKYMNHSDV VMGLVSNCE SLHNRLRFLO NSLGAVPSPY
DCYLCNRGLK TLHVRMEKHF KNGMAVAQFL ESNPWVEKVI YPGLPSHPQH
ELVKRQCTGC TGMVTFYIKG TLQHAEIFLK NLKLFSLAES LGGFESLAEI
PAIMTHASVL KNDROVLGIS DTLIRLSVGL EDEEDLLEDL DQALKAHP
SGSHS
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SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CTH recombinant protein	Enzyme & Kinase; Metabolic pathway; Cardiovascular biology; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27735163
NCBI GeneID	1491
UniProt Accession #	P32929; Q53FB3; Q53Y79; Q9H4W7; Q9H4W8; B4E1R2; E9PDV0
Molecular Weight	405
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cth-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152100>