

Gamma-cystathionase (CTH) Recombinant Protein | CTH recombinant protein

Recombinant Gamma-cystathionase (CTH)

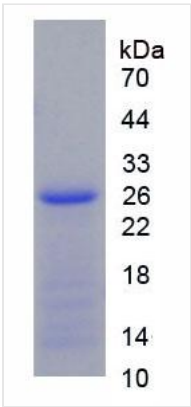
CATALOG # AAA20323	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Gamma-cystathionase (CTH); Recombinant Gamma-cystathionase (CTH); CTH recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for CTH recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Thr163–Asp382
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



TQKVIDIE GCAHIVKHG DIILVVDNTF MSPYFQRPLA
LGADISMYSY TKYMNHSDV VMGLVSVNCE SLHNRLRFLQ NSLGAVPSPI
DCVLCNRGLK TLHVRMEKHF KNGMAVAQFL ESNPWVEKVI YPGLPSHPQH
ELVKRQCTGC TGMVTFYIKG TLQHAEIFLK NLKFLTAEI LGGFESLAEI
PAINTHASVL KNDKRVLGIS DTLIRLSVGL ED

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	299473759
NCBI GeneID	1491
NCBI Accession #	NP_001177392.1
NCBI GenBank Nucleotide #	NM_001190463.1
UniProt Accession #	P32929; Q53FB3; Q53Y79; Q9H4W7; Q9H4W8; B4E1R2; E9PDV0
Molecular Weight	Predicted Molecular Mass: 28.1kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	cystathionine gamma-lyase isoform 3
NCBI Official Synonym Full Names	cystathionase (cystathionine gamma-lyase)
NCBI Official Symbol	CTH
NCBI Protein Information	cystathionine gamma-lyase; gamma-cystathionase; homoserine deaminase; cysteine desulfhydrase; homoserine dehydratase; cysteine-protein sulfhydrase
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.