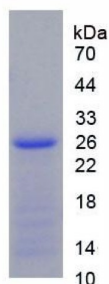


Human Cystathionine Gamma-Lyase (CTH) Protein

Catalogue No.: abx066229



SDS-PAGE analysis of Human CTH Protein.

Recombinant Cystathionine Gamma-Lyase (CTH) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target: Cystathionine Gamma-Lyase (CTH)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P32929 ([UniProt](#), [ExPASy](#))

Gene Symbol: CTH

GenelD: [1491](#)

Datasheet

Version: 2.0.0
Revision date: 03 Jun 2025



OMIM: [219500](#)

HGNC: 2501

KEGG: hsa:1491

Ensembl: ENSG00000116761

String: [9606.ENSP00000359976](#)

Molecular Weight: Calculated MW: 28.1 kDa
Observed MW (SDS-PAGE): 26 kDa

Sequence Fragment: Thr163-Asp382

Sequence: TQKVIDIE GCAHIVHKHG DIILVVDNTF MSPYFQRPLA LGADISMYS A TKYMNHGSDV
VMGLVSVNCE SLHNRLRFLQ NSLGAVPSPI DCYLCNRGLK TLHVRMEKHF KNGMAVAQFL
ESNPWVEKVI YPGLPSHPQH ELVKRQCTGC TGMVTFYIKG TLQHAEIFLK NLKLFTLAES
LGGFESLAEL PAIMTHASVL KNDRDVLGIS DTLIRLSVGL ED

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 350 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.