

Recombinant Human CTH Protein

Catalog #	Source	Reactivity	Applications
CRP1381	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CTH Protein is produced by our E. coli expression system and the target gene encoding Met1-Ser405 is expressed.		
Form	Liquid in a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 20% Glycerol, pH 7.4.		
Gene Symbol	CTH		
Alternative Names	Cystathionine gamma-lyase; Cysteine-protein sulfhydrase; Gamma-cystathionase		
Entrez Gene	1491 (Human)		
SwissProt	P32929 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>GHMQEKDASS QGFLPHFQHF ATQAIHVGQD PEQWTSRAVV PPISLSTTFK QGAPGQHSGF EYSRSGNPTR NCLEKAVAAL DGAKYCLAFA SGLAATVTIT HLLKAGDQII CMDDVYGGTN RYFRQVASEF GLKISFVDCS KIKLLEAAIT PETKLVWIET PTNPTQKVID IEGCAHIVHK HGDIIILVVDN TFMSPYFQRP LALGADISMY SATKYMNGHS DVVMGLVSVN CESLHNRLRF LQNSLGAVPS PIDCYLCNRG LKTLHVRMEK HFKNGMAVAQ FLESNPWVEK VIYPGLPSHP QHELVKRQCT GCTGMVTFYI KGTLQHAEIF LKNLKLFTLA ESLGGFESLA ELPAIMTHAS VLKNDRDVLG ISDTLIRLSV GLEDEEDLLE DLDQALKAAH PPSGSHS</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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