

Recombinant Human CBS protein, His-tagged

Cat. No. CBS-2643H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CBS protein(P35520)(2-551aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-551aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.5 kDa
AA Sequence	PSETPQAEVGP TGCPHRSGPHSAKGSLEKGS PEDKEAKEPLWIRPDAPSRCTWQL GRPASESPHHHTAPAKSPKILPDILKKIGDTPMVRINKIGKKFGLKCELLAKCEFFNAG GSVKDRISLRMIEDAERDGTLPKPGDTIIEPTSGNTGIGLALAAAVRGYRCIIVMPEKMS SEKVDVLRALGAEIVRTP TNARFDS PESHVGVAVRLKNEIPNSHILDQYRNASNPLA HYDTTAD EILQQCDGKLDMLVASVGTGGTITGIARKLKEKCPGCRIIGVDPEGSILAE PEELNQTEQTTYEVEGIGYDFIPTVLDRTVVDKWFKSNDEEAFTFARMLIAQEGLLC GGSAGSTVAVAVKAAQELQEGQRCVVILPDSVRNYMTKFLSDRWMLQKGF LKEED LTEKKPWWWHLRVQELGLSAPLTVLPTITCGHTIEILREKGF DQAPVVDEAGVILGM VTLGNMLSSLLAGKVQPSDQVGKVIYKQFKQIRLTDTLGRLSHILEMDHFALVVHEQI

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QYHSTGKSSQRQMVFVGVVTAIDLLNFVAAQERDQK

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name CBS cystathionine-beta-synthase [Homo sapiens]

Official Symbol CBS

Synonyms CBS; cystathionine-beta-synthase; cystathionine beta-synthase; HIP4; beta-thionase; serine sulfhydrase; methylcysteine synthase;

Gene ID 875

mRNA Refseq NM_000071

Protein Refseq NP_000062

MIM 613381

UniProt ID P35520

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