



Recombinant Cystathionine Beta Synthase (CbS)

Catalog No.: TP10007

10µg

Sequence Information

Species: Mouse

Gene ID:12411

Swiss Prot:Q91WT9

Synonyms:HIP4; Beta-thionase; Serine sulfhydrase

Residues:Gly253-Thr547

GTGGTITGIARKLKEKCPGCKIIGVDPEGSILAEPEELNQTEQTAYEVEGIGYDFIPTVLDRVVDKWFKSNDSDSFA
FARMLIAQEGLLCGGSSGSAMAVAVKAARELQEGQRCVILPDSVRNYMSKFLSDKWMLQKGFMEELSVKRPWWRL
RVQELSLAPLTVLPTVTCEDTIAILREKGFQAPVVNESGAILGMVTLGNMLSSLLAGKVRPSDEVCKVLYKQFKPI
HLTDTLGLTSLHILEMDHFALVVHEQIQSRDQAWSGVVGPTDCSNGMSSKQQMVFVVTAI

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Membrane.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 5%Trehalose .

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.2

Predicted Molecular Mass: 36.2kDa

Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[IDENTIFICATION]

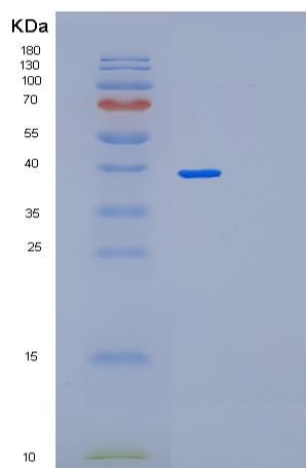


Figure . SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.