

Data Sheet

AHCY

Recombinant, N-terminal His tag

Catalog #: w80028

Lot#: 120117 Conc.: 4.0 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 200 mM imidazole, and 20% glycerol.

Stability: >6 months at -80°C

References:

1. Leal, J.F. *et al.*, *Carcinogenesis* **29** (11), 2089-2095 (2008).
2. Hermes, M. *et al.*, *Cell. Physiol. Biochem.* **22** (1-4), 223-236 (2008).

Description:

Recombinant *S. solfataricus* S-adenosyl homocysteine hydrolase, or AHCY, (GenBank Accession No. Z50174) amino acids 2 – 417 (end) with N-terminal His tag, MW= 47 kDa, expressed in an *E. coli* expression system.

Application:

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

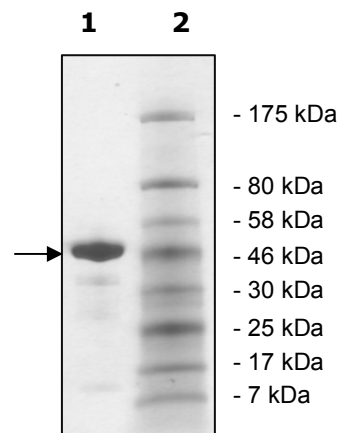
Quality Assurance

**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 µg AHCY

Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 47 kDa
Purity: ≥86%



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Protein Sequence:

MHHHHHHSYKIKDLSLASEGKKQIEWAERHMPTLMEIRKRFKAEKPLKGINISAVLHV
TKETAALVKTLKIGGANVALAGSNPLSTQDDVAAALVEEGISVFAWKGENETEYYSNI
ESIVKIHEPNIVMDDGADLHAYIHEKVSSKLDIYGGTEETTTGVIRLKAMEKDGVLKYPL
VAVNNAYTKYLFDNRYGTGQSAIDGILRATNILIAGKIAVVAGYGWVGRGIANRLRGM
GARVIVTEVDPIRALEAVMDGFDVMPIAEASKVGDIFVTATGNTKAIRVEHMLNMKDG
AILSNAHFNVEVDVKGLKETAVKVRNIRPYVDEYTLPNGKRVYLLADGRLVNLAAAE
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LTEEQKEYLEQWKSGT

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