

Product datasheet

Recombinant E. coli cysH protein ab106888

1 Image

| Description | |
|----------------------------|--|
| Product name | Recombinant E. coli cysH protein |
| Purity | > 90 % SDS-PAGE. ab106888 was purified using conventional chromatography techniques |
| Expression system | Escherichia coli |
| Accession | <u>P17854</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Escherichia coli |
| Sequence | MGSSHHHHHHSSGLVPRGSHMSKLDLNALNELPKVDRI LALAETNAELEK LDAEGRVAWALDNLPGEYVLSSSFQIAAVSLHLVNQIRP DIPVILTDTG YLFPETYRFIDELTDKLNKLVYRATESAAWQEARYGKL WEQGVEGIEK YNDINKVEPMNRALKELNAQTWFAGLRREQSGSRANLPV LAIQRGVFKVL PIIDWDNRTYQYLQKHGLKYHPLWDEGYLSVGDTHTRKW EPGMAEEET RFFGLKRECGLHEG |
| Predicted molecular weight | 30 kDa including tags |
| Amino acids | 1 to 244 |
| Tags | His tag N-Terminus |
| Description | Recombinant <i>E. coli</i> cysH protein |

| Specifications | |
|--|-------------------------------|
| Our Abpromise guarantee covers the use of ab106888 in the following tested applications. | |
| The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user. | |
| Applications | Mass Spectrometry SDS-PAGE |
| Mass spectrometry | MALDI-TOF |

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

General Info

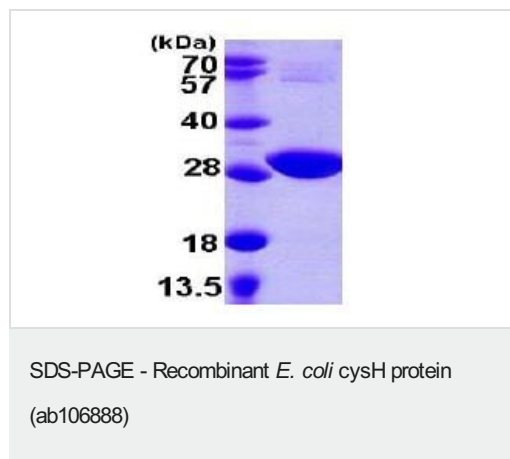
Relevance

CysH (Phosphoadenosine phosphosulfate reductase) belongs to the PAPS reductase family, specifically those acting on a sulfur group of donors with a disulfide as acceptor. Three substrates of this enzyme are adenosine 3',5'-bisphosphate, sulfite, and thioredoxin disulfide, whereas its two products are 3'-phosphoadenylyl sulfate and thioredoxin.

Cellular localization

Cytoplasm

Images



15% SDS-PAGE analysis of 3 µg ab106888.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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