

Recombinant E.coli D-cysteine desulfhydrase

Catalog No: #AP72371



Package Size: #AP72371-1 20ug #AP72371-2 100ug #AP72371-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant E.coli D-cysteine desulfhydrase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-328aaSequence Info:Full Length
Accession No.	P76316
Uniprot	P76316
GeneID	946831;
Calculated MW	39 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PLHNLTRFPRLEFIGAPTPLEYLPRFSDYLGREIFIKRDDVTPMAMGGNKLRKLEFLAADALREGADTLITAGAI QSNHVRQTA AVAAKGLHCVALLENPIGTTAENYL TNGNRLLDLFNTQIEMCDALTDPNALQLEELATRVEAQ GFRPYVIPVGGSNALGALGYVESALEIAQQCEGAVNISSVVVASGSAGTHAGLAVGLEHLMPESELIGVTVSRS VADQLPKVVNLQQAIAKELELTASAEILLWDDYFAPGYGVPNDEGMEAVKLLARLEGILLDPVYTGKAMAGLID GISQKRFKDEGPILFIHTGGAPALFAYHPHV
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the alpha,beta-elimination reaction of D-cysteine and of several D-cysteine derivatives. It could be a defense mechanism against D-cysteine. Can also catalyze the degradation of 3-chloro-D-alanine.

References

Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006)Research Topic:Others

Note: This product is for in vitro research use only