

Recombinant E.coli Biosynthetic arginine decarboxylase

Catalog No: #AP72258

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Package Size: #AP72258-1 20ug #AP72258-2 100ug #AP72258-3 1mg

Description

Product Name	Recombinant E.coli Biosynthetic arginine decarboxylase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:3-656aaSequence Info:Partial
Accession No.	P21170
Uniprot	P21170
GeneID	947432;
Calculated MW	77.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DDMSMGLPSSAGEHGVLRSMQEAMSSQEASKMLRTYNIWWGNNYYDVNELGHISVCPDPDPPEARVDL AQLVKTREAQQQRLPALFCFPQILQHRRLRSINAFAKRARESYGYNGDYFLVPIKVNQHRRVIESLIHSGEPLG LEAGSKAELMAVLAHAGMTRSVIVCNGYKDREYIRLALIGEKMGHKVYLVIEKMSEIAIVLDEAERLNVVPRLG RARLASQGSQGWQSSGGEKSKFGLAATQVLQVETLREAGRLDSLQLLHFHLSQMANIRDIATGVRESARF YVELHKLGVNIQCFDVGGLGVVYEGTRSQSDCSVNYGLNEYANNIIWAIGDACEENGLPHPTVITESGRAVT AHHTVLVSNIIIGVERNEYTVPTAPAEDAPRALQSMWETWQEMHEPGTRRSLREWLHDSQMDLHDIHIGYSSG IFSLQERAWAEQLYLSMCHEVQKQLDPQNRRAHRPIIDELQERMADKMYVNFSLFQSMPPDAWGIDQLFPVLPL EGLDQVPERRAVLLDITCSDGAIHDYIDGDGIATTMPPEYDPENPPMLGFFFMVGAYQEILGNMHNLFGDTE AVDVVFPDGSVEVELSDEGDTVADMLQYVQLDPKTLTQFRDQVKKTDLDAELQQQFLEEFEEAGLYGYTYL E
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 biosynthesis of agmatine from arginine.

References

Nucleotide sequence and analysis of the speA gene encoding biosynthetic arginine decarboxylase in Escherichia coli.Moore R.C., Boyle S.M.J.
Bacteriol. 172:4631-4640(1990)Research Topic:Others

Note: This product is for in vitro research use only