

# Recombinant E.coli biosynthetic arginine Decarboxylase



Catalog Number: CSB-RP145074Ba

<b>Product Name:</b>	Recombinant E.coli biosynthetic arginine decarboxylase
<b>Alternative names:</b>	ADC
<b>Catalog Number:</b>	CSB-RP145074Ba
<b>Relevance :</b>	Catalyzes the biosynthesis of agmatine from arginine
<b>Mol. Weight:</b>	76kD
<b>Product Info :</b>	His-tagged
<b>Source:</b>	E.coli derived
<b>Image:</b>	
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	PBS,pH 7.4, 50% glycerol
<b>Storage :</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence:</b>	<p>SDDMSMGLPSSAGEHGVLRSMQEVAMSSQEASKMLRTYNIWWGNNYYDV  NELGHISVCPDPDPPEARVDLAQLVKTREAQQQRLPALFCFPQILQHRLRSINA  AFKRARESYGYNGDYFLVYPIKVNQHRRVIESLIHSGEPLGLEAGSKAELMAVL  AHAGMTRSVIVCNGYKDREYIRLALIGEKMGHKVYLVIEKMSEIAIVLDEAERLN  VVPRLGVRARLASQSGGWQSSGGEKSKFGLAATQVLQVLVETLREAGRDLDSL  QLLHFHLGSQMANIRDIATGVRESARFYVELHKLGVNIQCFDVGGLGVDYEG  TRSQSDCSVNYGLNEYANNIWAIGDACEENGLPHPTVITESGRAVTAHHTVLV  SNIIGVERNEYTVPTAPAEDAPRALQSMWETWQEMHEPGTRRSLREWLHDS  QMDLHDIHIGYSSGIFSLQERAWAEQLYLSMCHEVQKQLDPQNRHRPIIDEL  QERMADKMYVNFSLFQSMPSDAWGIDQLFPVLPLEGLDQVPERRAVLLDITCD  SDGAIDHYIDGDGIATTMPMPEYDPENPPMLGFFMVGAYQEILGNMHNLFGDT  EAVDVFVFPDGSVEVELSDEGDTVADMLQYVQLDPKTLTQFRDQVKKTDLDA  ELQQQFLEEFEGLYGYTYLEDE</p>
<b>References:</b>	"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)