



Recombinant Chromobacterium violaceum Adenylosuccinate synthetase 2 (purA2)

Product Code	CSB-MP762933CKA
Abbreviation	purA2
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.
Uniprot No.	Q7NS98
Product Type	Recombinant Protein
Immunogen Species	Chromobacterium violaceum (strain ATCC 12472 / DSM 30191 / JCM 1249 / NBRC 12614 / NCIMB 9131 / NCTC 9757)
Purity	>85% (SDS-PAGE)
Sequence	MSKNVVVIGT QWGDEGKGI VDWLTDHARA VVRFQGGHNA GHTLWVNGKK TVVRLVPSGI LRPDVECFIG NGVLSPEAL LKEIDELEAA GVNASARLKI AEGCPLILPY HIALDQAREA AKGDAKIGTT GRGIGPCYED KVARRALKVI DLFDPARFET KLENVDYYN FLLTNLFKAE PVSYEAILAD TMKMAERIKP MVADVSRITLY DLDKAGTPIL FEGAQGTLLD IDHGTYPYVT SSNCVAGAAA PGAGVPPQML NYVLGIVKGY ATRVGSGPFP TEQENEIGAF LAKRGNEFGS VTGRPRRCGW FDAALKRSI QINGVSGLCV MKLDVMDGLE EIKLCTGYML DGQKVDILPF GSDAVTKCEP VYETLPGWTG TTVGVKRWED LPANAQAYLK RIEEVCGAPV DIVSTGPDRE ETIVLRHPFG L
Source	Mammalian cell
Target Names	purA2
Protein Names	Recommended name: Adenylosuccinate synthetase 2 Short name= AMPSase 2 Short name= AdSS 2 EC= 6.3.4.4 Alternative name(s): IMP--aspartate ligase 2
Expression Region	1-431
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.