



Recombinant Human 2-amino-3-carboxymuconate-6-semialdehyde decarboxylase (ACMSD)

Product Code	CSB-MP851554HU
Abbreviation	ACMSD
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.	Q8TDX5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKIDIHSHIL PKEWDLKKR FGYGGWVQLQ HHSKGEAKLL KDGKVFRVVR ENCWDPEVRI REMDQKGVTV QALSTVPVMF SYWAKPEDTL NLCQLLNNDL ASTVVSYP RR FVGLGTLPMQ APELAVKEME RCVKELGFPG VQIGTHVNEW DLNAQELFPV YAAAERLKCS LfvHPWDMQM DGRMAKYWLP WLVGMPAETT IAICSMIMGG VFEKFPKLV CFAHGGGAFP FTVGRISHGF SMRPDLCAQD NPMNPKKYLG SFYTDALVHD PLSLKLTDV IGKDKVILGT DYPFPLGELE PGKLIESMEE FDEETKNKLNK AGNALAFLGL ERKQFE
Source	Mammalian cell
Target Names	ACMSD
Protein Names	Recommended name: 2-amino-3-carboxymuconate-6-semialdehyde decarboxylase EC= 4.1.1.45 Alternative name(s): Picolinate carboxylase
Expression Region	1-336
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.