

Acetolactate synthase, chloroplastic (CSR 1.2) Recombinant Protein | CSR 1.2 recombinant protein

Recombinant Arabidopsis thaliana Acetolactate synthase, chloroplastic (CSR 1.2) , partial

CATALOG # AAA115300	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Acetolactate synthase; chloroplastic (CSR 1.2); Recombinant Arabidopsis thaliana Acetolactate synthase; partial; CSR 1.2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	98-670aa; partial
Sequence	KGADILVEAL ERQGVETVFA YPGGASMEIH QALTRSSSIR NVLPRHEQGG VFAAEGYARS SGKPGICIAT SGPGATNLVS GLADALLDSV PLVAITGQVP RRMIGTDAFQ ETPIVEVTRS ITKHNYLVMD VEDIPRIIEE AFFLATSGRP GPVLVDVPKD IQQLAIPNW EQAMRLPGYM SRMPKPPEDS HLEQIVRLIS ESKKPVLVVG GGCLNSSDEL GRFVELTGIP VASTLMGLGS YPCDDELSLH MLGMHGTVYA NYAVEHSDLL LAFGVRFDDR VTGKLEAFAS RAKIVHIDID SAEIGKNKTP HVSVC GDVKL ALQGMNKVLE NRAEELKLDG GVWRNELNVQ KQKFPLSFKT FGEAIPPQYA IKVLDELTDG KAIISTGVGQ HQMWAAQFYN YKKPRQWLSS GGLGAMGFG L PAAIGASVAN PDAIVVDIDG DGSFIMNVQE LATIRVENLP VKVLLNNQH LGMVMQWEDR FYKANRAHTF LGDPAQEDEI FPNMLLFAAA CGIPAARVTK KADLREAIQT MLDTPGPYLL DVICPHQEHV LPMIPSGGTF NDVITEGDGR IKY
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15228401
NCBI GeneID	824015
NCBI Accession #	NP_190425.1
NCBI GenBank Nucleotide #	NM_114714.3
UniProt Accession #	P17597 ; Q5FV34 ; Q8L7Y7 ; Q94B64 ; A0A174
Molecular Weight	64.4 kDa
NCBI Official Full Name	chlorsulfuron/imidazolinone resistant 1
NCBI Official Symbol	CSR1
NCBI Official Synonym Symbols	ACETOHYDROXY ACID SYNTHASE; ACETOLACTATE SYNTHASE; AHAS; ALS; chlorsulfuron/imidazolinone resistant 1; IMIDAZOLE RESISTANT 1; IMR1; TRIAZOLOPYRIMIDINE RESISTANT 5; TZP5
NCBI Protein Information	chlorsulfuron/imidazolinone resistant 1
UniProt Protein Name	Acetolactate synthase, chloroplastic

UniProt Gene Name	ALS
UniProt Synonym Gene Names	AHAS; CSR1; TZIP5; AtALS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/als-recombinant-protein-e-coli/115300>