

# Cysteine synthase, chloroplastic/chromoplastic (LOC102577558), Recombinant Protein

Cat RP15291

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Solanum tuberosum (Potato)  
Cell)

## Full Product Name

Recombinant Solanum tuberosum Cysteine synthase, chloroplastic/chromoplastic

## Product Gene Name

LOC102577558 recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

AVSVPTKSST EIEGLNIAED VTQLIGNTPM VYLNTIAKGC VANIAAKLEI MEPCCSVKDR IGFSMIVDAE  
EKGLISPGKT VLVEPTSGNT GIGLAFIAAS RGYKLILTMP ASMSLERRVI LKAFGAELVL TDKAKGMKGA  
VSKAEIILNN TPDAYILQQF DNPANPKIHY ETTGPEIWED TKGKIDILVA GIGTGGTITG TGRFLKEQNP  
NIKIIGVEPT ESNVLSGGKP GPHKIQQIGA GFIPGNLDQD VMDEVIEISS DEAVETARTL ALQEGLLVGI  
SSGAAALAAI QVGKRPENAG KLIGVVFPSY GERYLSSILF QSIREECEKM KPEL

## Sequence Positions

53-386, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

41,044 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.  
Repeated freezing and thawing is not recommended.

## NCBI Accession #

O81155.1

## NCBI GI #

11131628

## NCBI GeneID

102577558

## NCBI Official Full Name

Cysteine synthase, chloroplastic/chromoplastic

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)  
LOC102577558

## NCBI Official Symbol

CS-B; PCS-2-1; PCS-2-2

## NCBI Official Synonym Symbols

cysteine synthase, chloroplastic/chromoplastic

## UniProt Gene Name

CS-B

## UniProt Synonym Gene Names

CS-B

## UniProt Protein Name

Cysteine synthase, chloroplastic/chromoplastic

## UniProt Synonym Protein Names

CSase B; CS-B; O-acetylserine (thiol)-lyase; O-acetylserine sulfhydrylase; OAS-TL B

## UniProt Primary Accession #

O81155

## UniProt Related Accession #

O81155

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