

Cysteine synthase (RCS1), Recombinant Protein

Cat *RP11339*

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
Species (*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Oryza sativa subsp. *japonica* (*Rice*)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Cysteine synthase (RCS1)

Product Gene Name

RCS1 recombinant protein

Product Synonym Gene Name

RCS1

Purity

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

Sequence

MGETIAKDVT ELIGNTPLVY LNRVTDGCVG RVAAKLESME PCSSVKDRIG YSMITDAEEK GLITPGKSVL
IEPTSGNTGI GLAFMAAAKG YRLVLTMPAS MSMERRILK AFGAELILD PLLGMKGAVQ KAEELAAKTN
NSFILQQFEN PANPKIHET TGPEIWKGTG GKVDGLVSGI GTGGTITGAG RYLREQNPDI KIYGVEPVES
AVLSGGKPGP HKIQGIGAGF VPGVLDVDLI NETVQVSSDE AIEMAKALAL KEGLLVGISS GAAAAAARL
AQRPENEGKL FVVVFPSFGE RYLSSVLFQS IKKEAENMVV E

Sequence Positions

1-321, 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

33,838 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

Q9XEA6.2

NCBI GI

84028195

NCBI GeneID

4352839

NCBI Official Full Name

Cysteine synthase

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)
LOC4352839

NCBI Official Symbol

NCBI Official Synonym Symbols

rcs1; CSase; OAS-TL

NCBI Protein Information

cysteine synthase

UniProt Gene Name

RCS1

UniProt Synonym Gene Names

CSase; OAS-TL

UniProt Protein Name

Cysteine synthase

UniProt Synonym Protein Names

O-acetylserine (thiol)-lyase; OAS-TL; O-acetylserine sulfhydrylase

UniProt Primary Accession

Q9XEA6

UniProt Secondary Accession

Q0ILS7

UniProt Related Accession

Q9XEA6

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