

1-aminocyclopropane-1-carboxylate oxidase homolog 6 (At1g04350), Recombinant Protein

Cat *RP09245*

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*

Species^{Cell}

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* 1-aminocyclopropane-1-carboxylate oxidase homolog 6 (At1g04350)

Product Gene Name

At1g04350 recombinant protein

Purity

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

Sequence

METKEFDSYS ERKAFDETKT GVKGLIDAH I TEIPRIFCLP QGSLSDKKPF VSTTDFAIPI IDFEGLVSR
EDIVGKIKDA ASNWGGFFQVI NHGVPLNLVQ EIQDGVRRFH EEAEVKKTY FTRDATKRFV YNSNFDLYSS
SSCVNWRDSF ACYMAPDPPN PEDLPVACRV AMFEYSKHMM RLGDLLFELL SEALGLRSDK LKSMDCMKGL
LLLCHYYPPC PQPDLTIGTN NHSDNSFLT I LLQDQIGGLQ IFHQDCWVDV SPIPGALVIN MGDFLQLITN
DKVISVEHRV LANRAATPRI SVASFFSTSM RPNSTVYGPI KELLSEENPS KYRVIDLKEY TEGYFKKGLD
GTSYLSHYKI

Sequence Positions

1-360, 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

40,797 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.

Protein Family

1-aminocyclopropane-1-carboxylate oxidase

NCBI Accession

NP_171930.1

NCBI GI

15219715

NCBI GenBank Nucleotide

NM_100315.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

839542

NCBI Official Full Name

2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein

NCBI Official Symbol

AT1G04350

NCBI Official Synonym Symbols

F19P19.22; F19P19_22

NCBI Protein Information

2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein

NCBI Summary

encodes a protein whose sequence is similar to 2-oxoglutarate-dependent dioxygenase

UniProt Gene Name

At1g04350

UniProt Protein Name

1-aminocyclopropane-1-carboxylate oxidase homolog 6

UniProt Primary Accession

P93824

UniProt Related Accession

P93824

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