

Cytochrome P450 97B1, chloroplastic (CYP97B1), Recombinant Protein

Cat *RP18280*

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-Cell*)
Pisum sativum (Garden pea)

Species

Full Product Name

Recombinant Pisum sativum Cytochrome P450 97B1, chloroplastic (CYP97B1)

Product Gene Name

CYP97B1 recombinant protein

Product Synonym Gene Name

CYP97B1

Purity

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

Sequence

CQSVNGEKRK QSSRNVDNA SNLLTSLLSG ANLGSMPIAE GAVTDLFDRP LFFSLYDWFL EHGSVYKLAF
GPKAFVVVSD PIVARHILRE NAFSYDKGVL ADILEPIMGK GLIPADLETW KQRRRVIAPG FHTSYLEAMV
QLFTSCSERT VLKVNELLEG EGRDGQKSVE LDLEAEFSNL ALEIIGLVF NYDFGSVTNE SPVIKAVYGT
LFEAEHRSTF YIPYWKFLA RWIVPRQRKF QDDLKVINTC LDGLIRNAKE SRQETDVEKL QQRDYSNLKD
ASLLRFLVDM RGVDVDDRQL RDDLMTMLIA GHETTAAVLT WAVFLLAQNP DKMKKAQAEV DLVLGMGKPT
FELLKKLEYI RLIVVETLRL YPQPPLLIR SLKPDVLP GG HKGDKDGYTI PAGTDVFISV YNLHRSPYFW
DRPNDFEPER FLVQNNNEEV EGWAGFDPSR SPGALYPNEI ISDFAFLPFG GGPRKCVGDQ FALMESTVAL
VCCYRISMWN

Sequence Positions

53-552, 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

62,281 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

Cytochrome

NCBI Accession

Q43078.1

NCBI GI

5915854

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

NCBI Official Full Name
Cytochrome P450 97B1, chloroplastic

UniProt Gene Name

CYP97B1

UniProt Synonym Gene Names

CYP97A2

UniProt Protein Name

Cytochrome P450 97B1, chloroplastic

UniProt Synonym Protein Names

Cytochrome P450 97A2

UniProt Primary Accession

Q43078

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