

Isoflavone reductase homolog (CP100), Recombinant Protein

Cat RP15470

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)

Full Product Name

Recombinant Solanum tuberosum Isoflavone reductase homolog

Product Gene Name

CP100 recombinant protein

Purity

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

Sequence

MAGKSKILFI GGTGYIGKFI VEASAKAGHD TFVLVRESTL SNPTKTKLID TFKSFGVTFV HGDLYDHESL
VKAIKQVDVV ISTVGHALLA DQVKLIAAIK EAGNVKRFFP SEFGNDVDRV HAVEPAKAAF NTKAQIRRVV
EAEGIPFTYV ATFFFAGYSL PNLAQPGAAG PPNDKVVILG HGNTKAVFNK EEDIGTYTIN AVDDPKTLNK
ILYIKPPHNI ITLNELVSLW EKKTGKNLER LYVPEEQVLK NIQEASVPMN VGLSIYHTAF VKGDHTNFEI
EPSFGVEASE VYPDVKYTPI DEILNQYV

Sequence Positions

1-308, 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

33,852 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

Isoflavone reductase

NCBI Accession

NP_001274923.1

NCBI GI

568215564

NCBI GenBank Nucleotide

NM_001287994.1

NCBI GeneID

102586164

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name
mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
isoflavone reductase homolog

NCBI Official Symbol

CP100

NCBI Protein Information

isoflavone reductase homolog

UniProt Protein Name

Isoflavone reductase homolog

UniProt Synonym Protein Names

CP100

UniProt Primary Accession

P52578

UniProt Related Accession

P52578

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