

Ubiquitin-conjugating enzyme E2 5 (UBC5), Recombinant Protein

Cat RP02033

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Ubiquitin-conjugating enzyme E2 5 (UBC5)

Product Gene Name

UBC5 recombinant protein

Purity

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

Sequence

MSSPSKRREM DLMKLMMSDY KVEMINDGMQ EFFVEFSGPK DSIYEGGVWK IRVELPDAYP YKSPSVGFIT
KIYHPNVDEM SGSVCLDVIN QTWSPMFDLV NVFETFLPQL LLYPNPSDPL NGEAAALMMR DRPTYEQRVK
EYCEKYAKPR ADTEEMSSDD EMSEDEYASD GDEDDVAIA GKLDP

Sequence Positions

1-185, 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

21,179 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

Ubiquitin-conjugating enzyme

NCBI Accession

NP_001321725.1

NCBI GI

1063696255

NCBI GenBank Nucleotide

NM_001334127.1

NCBI GeneID

842683

NCBI Official Full Name

ubiquitin-conjugating enzyme 5

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol

UBC5

NCBI Official Synonym Symbols

T12P18.18; T12P18_18; ubiquitin-conjugating enzyme 5

NCBI Protein Information

ubiquitin-conjugating enzyme 5

UniProt Gene Name

UBC5

UniProt Protein Name

Ubiquitin-conjugating enzyme E2 5

UniProt Synonym Protein Names

E2 ubiquitin-conjugating enzyme 5; Ubiquitin carrier protein 5; Ubiquitin-conjugating enzyme E2-21 kDa 2; Ubiquitin-protein ligase 5

UniProt Primary Accession

P42749

UniProt Secondary Accession

Q4TZ04; Q8VXY5; Q9CAE2; Q9CAJ4

UniProt Related Accession

P42749

UniProt Comments

Accepts the ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins.

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