

Ubiquitin-conjugating enzyme E2 1 (UBC1), Recombinant Protein

Cat RP01310

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

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

Full Product Name

Recombinant Arabidopsis thaliana Ubiquitin-conjugating enzyme E2 1 (UBC1)

Product Gene Name

UBC1 recombinant protein

Purity

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

Sequence

MSTPARKRLM RDFKRLQQDP PAGISGAPQD NNIMLWNAVI FGPDDTPWDG GTFKLSLQFS EDYPNKPPTV
RFVSRMFHPN IYADGSICLD ILQNQWSPYIY DVAAILTSIQ SLLCDPNPNS PANSEAARMY SESKREYNRR
VRDVVEQSWT AD

Sequence Positions

1-152aa; Full Length of Mature 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

17,281 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

Ubiquitin-conjugating enzyme

NCBI Accession

NP_563951.1

NCBI GI

18394114

NCBI GenBank Nucleotide

NM_101307.5

NCBI GeneID

838002

NCBI Official Full Name

ubiquitin carrier protein 1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Symbol

UBC1

NCBI Official Synonym Symbols

ATUBC1; F14L17.17; F14L17_17; ubiquitin carrier protein 1; UBIQUITIN CARRIER PROTEIN 1; UBIQUITIN CONJUGATING ENZYME 1

NCBI Protein Information

ubiquitin carrier protein 1

NCBI Summary

ubiquitin carrier protein

UniProt Gene Name

UBC1

UniProt Protein Name

Ubiquitin-conjugating enzyme E2 1

UniProt Synonym Protein Names

E2 ubiquitin-conjugating enzyme 1; Ubiquitin carrier protein 1; Ubiquitin-conjugating enzyme E2-17 kDa 1; Ubiquitin-protein ligase 1

UniProt Primary Accession

P25865

UniProt Secondary Accession

Q4TZ08

UniProt Related Accession

P25865

UniProt Comments

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

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