

Probable ubiquitin-conjugating enzyme E2 37 (UBC37), Recombinant Protein

Cat *RP05062*

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*)
Species *Arabidopsis thaliana* (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable ubiquitin-conjugating enzyme E2 37 (UBC37)

Product Gene Name

UBC37 recombinant protein

Product Synonym Gene Name

UBC37

Purity

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

Sequence

MAQAARLSLR MQKELKLLLS DPPHGASFPH LSSAANGSGD FSTFSTIDAQ IEGPEDTVYA NGIFNLKIQI
PERYPFQPPI VSFATPIYHP NIDNSGRICL DILNLPPKGA WQPSLNISTV LTSMRLLSE PNPDDGLMCE
VSREYKYNRQ TFDYKAREMT EKYAKVKADG CSTSLQIKNH GDEKSGESGN SVKLKLTVES SLSIAHTVKR
ETAGRDEQED GNGKRKAVVG FGEGNSFGND GIKRSRKKLS LALPSQSQKK DLGEEEELTR GVSAACKENK
KPNLNGKKLS LGLKQPCNDT LASFRTSAK SDNNRLSRKL SLRSPLGELN EVSKPEVLAQ TDMKLEMNQN
EDARSLRGEF ENSVLEETSM AESIVVLDSD DSGQEEEEERV SSSRSRLSLA KRRVLKCRP

Sequence Positions

1-409, 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

45,083 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

Probable ubiquitin-conjugating enzyme

NCBI Accession

NP_566751.1

NCBI GI

18404220

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GenBank Nucleotide

NM_113362.2

NCBI GeneID

822045

NCBI Official Full Name

ubiquitin-conjugating enzyme 37

NCBI Official Symbol

UBC37

NCBI Official Synonym Symbols

ubiquitin-conjugating enzyme 37

NCBI Protein Information

ubiquitin-conjugating enzyme 37

UniProt Gene Name

UBC37

UniProt Protein Name

Probable ubiquitin-conjugating enzyme E2 37

UniProt Synonym Protein Names

E2 ubiquitin-conjugating enzyme 37; Ubiquitin carrier protein 37

UniProt Primary Accession

Q941B6

UniProt Secondary Accession

Q9LV54

UniProt Related Accession

Q941B6

UniProt Comments

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

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