

## UBC10 Protein, Arabidopsis thaliana, Recombinant (His)

### General Information

Synonyms:	Ubiquitin-conjugating enzyme E2-17 kDa 10/12;UBC10;E2 ubiquitin-conjugating enzyme 10; Ubiquitin-conjugating enzyme E2 10;Ubiquitin carrier protein 10/12;Ubiquitin-protein ligase 10/12;UBC12
Protein Construction:	1-148 aa
Species:	Arabidopsis thaliana
Expression Host:	E. coli
Accession:	P35133
Molecular Weight:	20.6 kDa (predicted)
AA Sequence:	MASKRILKELKDLQKDPPTSCSAGPVAEDMFHWQATIMGPSESPYAGGVFLVTIHFPDYPFKPPKVAFRTKV FHPNINSNGSICLDILKEQWSPALTISKVLLSICSLTDPNPDDPLVPEIAHMYKTDKNKYESTARSWTQKYAM G

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

### Protein Background

## A DRUG SCREENING EXPERT

---

Accepts the ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Mediates the selective degradation of short-lived and abnormal proteins.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: [info@targetmol.com](mailto:info@targetmol.com) Address: 34 Washington Street, Wellesley Hills, MA 02481