

Human UBE2D1 / UBCH5 Protein (His Tag)



Sino Biological
Biological Solution Specialist

Catalog Number: 11432-H07E

General Information

Gene Name Synonym:

E2(17)KB1; SFT; UBC4/5; UBCH5; UBCH5A

Protein Construction:

A DNA sequence encoding the human UBE2D1 (P51668) (Ala 2-Met 147) was expressed, with a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human UBE2D1 consisting of 161 amino acids and has a calculated molecular mass of 18.3 kDa. It migrates as an approximately 16 kDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 25 mM Tris, 100 mM NaCl, 3 mM DTT, 0.05% Tween 20, 20% Glycerol, pH 7.5.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

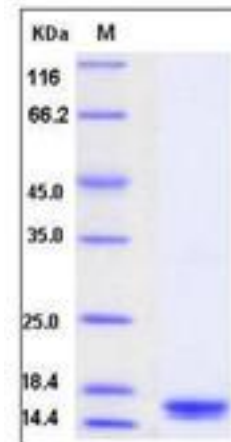
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Zhang L, *et al.* (2011) The IDOL-UBE2D complex mediates sterol-dependent degradation of the LDL receptor. *Genes Dev.* 25(12): 1262-74.
2. Tokumoto M, *et al.* (2011) Cadmium toxicity is caused by accumulation of p53 through the down-regulation of Ube2d family genes in vitro and in vivo. *J Toxicol Sci.* 36(2): 191-200.
3. Ohbayashi N, *et al.* (2008) Physical and functional interactions between ZIP kinase and Ubch5. *Biochem Biophys Res Commun.* 372(4): 708-12.

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