

Recombinant Human Ubiquitin-conjugating enzyme E2 D1 Protein

Cat.NO.: TP04554

3th Edition

Synonyms:Ubiquitin-conjugating enzyme E2 D1;Stimulator of Fe transport;SFT;UBC4/5 homolog;UbcH5;Ubiquitin carrier protein D1;Ubiquitin-conjugating enzyme E2(17)KB 1;Ubiquitin-conjugating enzyme E2-17 kDa 1;Ubiquitin-protein ligase D1;SFT; UBC5A; UBCH5; UBCH5A

Description:Ubiquitin-conjugating enzyme E2 D1 (UBE2D1) belongs to the ubiquitin-conjugating enzyme family. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases.

Form:PBS

Molecular Weight:42.9 kDa

Sequences:Met 1-Met 147

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.