

Optimize Your Research

Recombinant Human Ubiquitin Conjugating Enzyme E2 D3, His protein

Code CD00728

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

Source

Escherichia coli.

Molecular Weight

Approximately 17.7 kDa, a single non-glycosylated polypeptide chain containing 147 amino acids (a.a.) of human UBE2D3/UBC5C and 8 a.a. vector sequence including 6 × His tag at N-terminus.

Purity

> 95 % by SDS-PAGE and HPLC analyses.

Biological Activity

Data is not available.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 µm filtered concentrated solution in PBS, 1mM DTT, pH 7.5.

Sequence

MHHHHHHHAMA LKRINKELSD LARDPPAQCS AGPVGDDMFH WQATIMGPND SPYQGGVFFL TIHFPTDYPF KPPKVAFTTR IYHPNINSNG SICLDILRSQ WSPALTISKV LLSICSLLCD PNPDDPLVPE IARIYKTDRD KYNRISREWT QKYAM

Endotoxin

Less than 1 EU/µg of rHuUBE2D3/UBC5C, His as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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