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UBE2D1, 1-147aa, Human, His tag, E.coli

产品货号: TP04378

第三版

别名: Ubiquitin-conjugating enzyme E2D 1, SFT, UBC5A, UBCH5, UBCH5A

**描述:** 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 gene encodes a member of the E2 ubiquitin-conjugating enzyme family. UBE2D1 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. Recombinant human UBE2D1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.1M NaCl

**分子量:** 19.0 kDa (170aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMALKRIQKELSDLQRDPPAHCSAGPVGDDLFWQATIMGPPDSAYQGGVFFLTV  
HFPTDYFPKPPKIAFTTKIYHPNINSNGSICLDILRSQWSPALTVSKVLLSICLLCDPNPDDPLVPDIAQIYKSDKEKYNRHAR  
EWTQKYAM

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.