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UBE2D4, 1-147aa, Human, His tag, E.coli

产品货号: TP04381

第三版

别名: Ubiquitin-conjugating enzyme E2 D4, UBCH5D, HBUCE1

**描述:** UBE2D4 belongs to the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzymes, also known as E2 enzymes and more rarely as ubiquitin-carrier enzymes, perform the second step in the ubiquitination reaction that targets a protein for degradation via the proteasome. UBE2D4 accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11' and 'Lys-48'-linked polyubiquitination. Recombinant human UBE2D4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl

**分子量:** 18.8kDa (167aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMALKRIQKELTDLQRDPPAQCSAGPVGDDLFHWQATIMGPNDSPYQGGVFFLTIHFPT  
DYFPKPKVAFTTKIYHPNINSNGSICLDILRSQWSPALTVSKVLLSICLLCDPNPDDPLVPEIAHTYKADREKYNRLAREW  
TQKYAM

**纯度:** > 95% by HPLC

**浓度:** 1mg/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.