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UBE2B, 1-152aa, Human, His tag, E.coli

产品货号: TP04376

第三版

别名:E2-17kDa, HHR6B, HR6B, RAD6B, UBC2, Ubiquitin-conjugating enzyme E2B hHR6B, RAD6 homolog B, Ubiquitin carrier protein B, Ubiquitin conjugating enzyme E2 B, Ubiquitin protein ligase B, Ubiquitin-conjugating enzyme E2 17 kDa.

描述:UBE2B, also known as ubiquitin-conjugating enzyme E2 B, belongs to E2 ubiquitin-conjugating enzyme family. This protein catalyzes the covalent attachment of ubiquitin to other proteins, and associates to the E3 ligase RAD18 to form the UBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. It is required for postreplication repair of UV-damaged DNA. It may be involved in neurite outgrowth. Recombinant human UBE2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

分子量:21.4 kDa (188aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMSMSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNA
VIFGPEGTPFEDGTFKLVIEFSEEYPNKPPTVRFSLKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPAN
SQAAQLYQENKREYEKRVSAIVEQSWNDS

纯度:> 95% by HPLC

浓度:0.5mg/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.