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UBE2M, 1-183aa Human, His tag, E.coli

产品货号: TP04391

第三版

别名: NEDD8-conjugating enzyme Ubc12, hUbc12, UBC-RS2, UBC12

描述:UBE2M, also known as NEDD8-conjugating enzyme Ubc12, belongs to the ubiquitin-conjugating enzyme family. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. 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. The encoded protein is linked with a ubiquitin-like protein, NEDD8, which can be conjugated to cellular proteins, such as Cdc53/culin. Recombinant human UBE2M 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 20% glycerol, 0.2M NaCl, 1mM DTT

分子量: 23.5 kDa (207aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMIKLFSLKQQKKEESAGGTKGSSKKASAAQLRIQKDINELNLPKTCDISFSDPDDL
LNFKLVICPDEGFYKSGKFVFSFKVGGYPHDPPKVKCETMVYHPNIDLEGNVCLNILREDWKPVLINSIIYGLQYLFLEP
NPEDPLNKEAAEVLQNNRRLFEQNVQRSMRGGYIGSTYFERCLK

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.