

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

USP15, 1-235aa, Human, His tag, E.coli

产品货号: TP04445

第三版

别名: Ubiquitin carboxyl-terminal hydrolase 15 isoform 3, UNPH-2, UNPH4

描述: USP15 is a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. Recombinant human USP15 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 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 29.5kDa (258aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM AEGGAADLDTQRSDIATLLKTSLRKGDTWYLVDSRWFQWKKYVGFDSWDKY
QMGDQNVYPGPIDNSGLLKDGDAQSLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQEPIARKVVEQGMFVKHCKVEV
YLTELKLCENGMNINVTRRFKADTIDTIEKEIRKIFSIPDEKETRLWNKYMSNTFEPLNKPSTIQDAGLYQGQVLVIEQ
KNEDGTWPRGPSTPKKPLEQSC

纯度: > 95% by HPLC

浓度: 0.5 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.