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UFSP1, 1-142aa, Human, His tag, E.coli

产品货号: TP04419

第三版

别名: Inactive Ufm1-specific protease 1, UFSP

描述: UFSP1 is similar to other Ufm1-specific proteases. Studies in mouse determined that Ufsp1 releases Ufm1 (ubiquitin-fold modifier 1) from its bound conjugated complexes which also makes it into an active form. Because the human UFSP1 protein is shorter on the N-terminus and lacks a conserved Cys active site, it is predicted to be non-functional. Recombinant human UFSP1 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 8.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

分子量: 17 kDa (165aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGDKPPGFRGSRDWIGCVEASLCLAHFGGPQGRLCHVPRGVGLHGELERLYSHFA
GGGGPVMVGGDADARSKALLGVCVGSgteAYVLVLDPHYWGTPKSPSELQAAGWVGWQEVSAAFDPNSFYNLCLTSL
SQQQQRTLD

纯度: > 95% by HPLC

浓度: 0.25 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.