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SVIP, 1-77aa, Human, His tag, E.coli

产品货号: TP04104

第三版

别名: Small VCP/p97-interacting protein, DKFZp313A2432, Small VCP/p97 interacting protein

描述: Small VCP/p97-interacting protein, also known as SVIP, is involved in a variety of cellular processes, including membrane fusion and ubiquitin-dependent protein degradation. SVIP functions as an inhibitor of the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway. Overexpression of SVIP, on the other hand, increased the levels of p62 protein and enhanced starvation-activated autophagy as well as promoted sequestration of polyubiquitinated proteins and p62 in autophagosomes. Recombinant human SVIP 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, 20% glycerol, 2mM DTT

分子量: 10.8kDa (100aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMGLCFPCPGESAPPTDLEEKRAKLAEEAERRQKEAASRGILDVQSVQEKRKKKEKI
EKQIATSGPPPEGGLRWTVS

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.