

## 32-5013: Recombinant Human Small VCP/P97-Interacting Protein

**Alternative Name :** Small VCP/P97-Interacting Protein,SVIP.

### Description

Source : Escherichia Coli. SVIP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 100 amino acids (1-77) and having a molecular mass of 10.8 kDa.SVIP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Small VCP/p97-interacting protein (SVIP) is involved in various cellular processes, including membrane fusion and ubiquitin-dependent protein degradation. SVIP functions as an inhibitor of the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway. On the other hand, SVIP overexpression increased the levels of p62 protein and enhanced starvation-activated autophagy as well as stimulated sequestration of polyubiquitinated proteins and p62 in autophagosomes.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 85.0% as determined by SDS-PAGE.
<b>Content :</b>	The SVIP solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 2mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMLCFPC PGESAPTPD LEEKRAKLAE AAERRQKEAA SRGILDVQSV QEKRRKKEKI EKQIATSGPP PEGGLRWTVS.