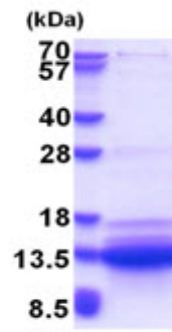


**AR51453PU-S****Human SVIP (1-77, His-tag) - Purified**

|                          |   |
|--------------------------|---|
| <b>Alternate names:</b>  | DKFZp313A2432, Small VCP/p97 interacting protein, Small VCP/p97-interacting protein   |
| <b>Quantity:</b>         | 50 µg   |
| <b>Concentration:</b>    | 0.25 mg/ml (determined by Bradford assay)   |
| <b>Background:</b>       | 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. |
| <b>Uniprot ID:</b>       | <a href="#">Q8NHGZ</a>  |
| <b>NCBI:</b>             | <a href="#">NP_683691</a>   |
| <b>GeneID:</b>           | <a href="#">258010</a>  |
| <b>Species:</b>          | Human   |
| <b>Source:</b>           | E. coli   |
| <b>Format:</b>           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >85% by SDS - PAGE<br><b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 2mM DTT   |
| <b>Description:</b>      | Recombinant human SVIP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.<br><b>AA Sequence:</b><br>MGSSHHHHHH SSGLVPRGSH MGSMGLCFPC PGESAPPTPD LEEKRAKLAE AAERRQKEAA<br>SRGILDVQSV QEKRRKKKEKI EKQIATSGPP PEGGLRWTVS<br><b>Molecular weight:</b> 10.8 kDa (100aa) confirmed by MALDI-TOF   |
| <b>Storage:</b>          | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.   |
| <b>General Readings:</b> | Wang Y., et al. (2011) PLoS One. 6(8): e24478. Ballar P., et al. (2007) J Bio Chem 23(47): 33908-14.  |

Pictures:



15% SDS-PAGE (3ug)