Recombinant Human SVIP, His-tagged

Cat. No. SVIP-140H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SVIP, 1-77aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-77aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 2mM DTT
Molecular Mass	10.8kDa (100aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGLCFPC PGESAPPTPD LEEKRAKLAE AAERRQKEAA SRGILDVQSV QEKRKKKEKI EKQIATSGPP PEGGLRWTVS

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SVIP small VCP/p97-interacting protein [Homo sapiens]
Official Symbol	SVIP
Gene ID	258010
mRNA Refseq	NM_148893.1
Protein Refseq	NP_683691.1
UniProt ID	Q8NHG7
Chromosome Location	11p14.2
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem;Protein processing in endoplasmic reticulum, conserved biosystem;

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