

## RPS27A Ubiquitin Human Recombinant Protein

Catalog Number: PROTP62988-1

### Introduction

RPS27A is a small protein composed of 76 amino acids. RPS27A is found only in eukaryotic organisms among which shows strong sequence conservation. The RPS27A protein is present in all cell types, thus giving rise to its name.

RPS27A is found either in free form or conjugated to proteins through a covalent bond between the glycine at the C-terminal end and the side chains of lysine.

The connection of multiple copies of RPS27A targets the proteins for degradation by the 26S proteasome. RPS27A ligation is an ATP-dependent multi-step process. RPS27A is activated by the E1 enzyme. The attachment of RPS27A to the target protein is catalyzed by the E2 enzyme acting in concert with E3 which is involved in the recognition of the substrate protein.

### Overview

Product Name	RPS27A Ubiquitin Human Recombinant Protein
Description	Ubiquitin Human Recombinant expressed in E.coli and purified by ion-exchange chromatography, contains 76 amino acids and has an Mw of 8.6kDa.
Size	10ug, 50ug, 1mg
Tag	
Form	Sterile Filtered solution.
Source	E. Coli
Formulation	1mg/ml containing 50mM HEPES (pH7.5) 150mM NaCl and 10% glycerol.

### Concentration

### Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

### Purity

Greater than 95% as estimated by SDS-PAGE.

### Amino Acid Sequence

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MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG. [?/description\\_after\\_attributes?](#)

## Usage

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