

Datasheet for ABIN667963

RPS3 Protein (AA 1-243) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	RPS3
Protein Characteristics:	AA 1-243
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPS3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	RPS3, 1-243aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	RPS3
Alternative Name:	RPS3 (RPS3 Products)
Background:	40S ribosomal protein S3, also known as RPS3, belongs to the S3P family of ribosomal proteins. RPS3 mediates the formation of the mRNA binding site 3' of the codon in the decoding site. In addition, RPS3 is involved in DNA damage recognition as shown by its affinity for abasic sites and 7, 8-dihydro-8-oxoguanine residues and its interaction with human base excision repair proteins OGG1 and Ref-1. Higher levels of expression of this gene in colon

Target Details

adenocarcinomas and adenomatous polyps compared to adjacent normal colonic mucosa have been observed. Recombinant human RPS3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: 40S ribosomal protein S3,. NCBI no.: NP_000996

Molecular Weight: 28.8 kDa (263aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Restrictions: For Research Use only

Handling

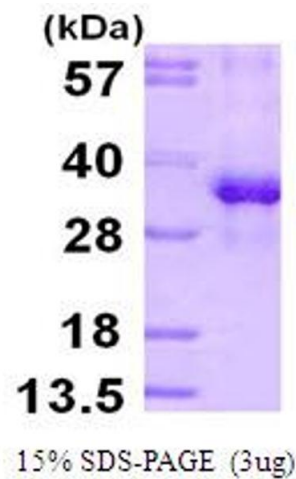
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.