

Datasheet for ABIN7454215

SPA17 Protein (AA 1-151) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SPA17
Protein Characteristics:	AA 1-151
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPA17 protein is labelled with His tag.

Product Details

Purpose:	Human SP17 Protein
Sequence:	Met1-Lys151
Characteristics:	Recombinant Human SP17 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Lys151.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	SPA17
Alternative Name:	SP17 (SPA17 Products)

Target Details

Background: Sperm protein 17 (Sp17) is a highly conserved mammalian protein characterized in rabbit, mouse, monkey, baboon, macaque, human testis and spermatozoa. mRNA encoding Sp17 has been detected in a range of murine and human somatic tissues. It was also recognized in two myeloma cell lines and in neoplastic cells from patients with multiple myeloma and ovarian carcinoma.

Molecular Weight: 18.50 kDa. The protein migrates to 20-28 kDa based on Tris-Bis PAGE result.

UniProt: [Q15506](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 8.0). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months