

Datasheet for ABIN7454214

SPA17 Protein (AA 1-149) (His tag)



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Overview

Quantity:	100 µg
Target:	SPA17
Protein Characteristics:	AA 1-149
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPA17 protein is labelled with His tag.

Product Details

Purpose:	Mouse SP17 Protein
Sequence:	Met1-Asn149
Characteristics:	Recombinant Mouse SP17 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Asn149.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
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:	18.39 kDa. The protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
UniProt:	Q62252

Application Details

Restrictions:	For Research Use only
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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 PBS (pH 7.4). 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