

Datasheet for ABIN7491363

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

Overview

Quantity:	100 µg
Target:	SPA17
Protein Characteristics:	AA 1-151
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPA17 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SPA17 Protein with C-terminal 6xHis tag
Specificity:	SPA17 (Met1-Lys151) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	SPA17
Alternative Name:	SPA17 (SPA17 Products)
Background:	This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity

Target Details

to human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrate binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22.[provided by RefSeq, Jan 2009]

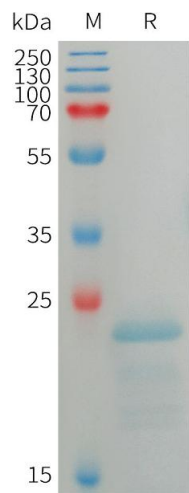
Molecular Weight:	predicted molecular mass of 18.2 kDa after removal of the signal peptide. The apparent molecular mass of SPA17-His is 15-25 kDa due to glycosylation.
UniProt:	Q15506

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human Protein, His Tag on SDS-PAGE under reducing condition.