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Datasheet for ABIN7491363 SPA17 Protein (His tag)

Overview

Quantity:	100 µg
Target:	SPA17
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
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:	CT22, SP17, SP17-1 Description: This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity 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

Target Details

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

Handling

Format: Lyophilized

Buffer: 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