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32-18157: Recombinant Human SPA17 Protein, His Tag

Uniprot ID : Q15506
Alternative Name : CT22; SP17; SP17-1

Description

Molecular Characterization: SPA17(Met1-Lys151) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 18.2 kDa after removal of the signal peptide. The apparent molecular mass of SPA17-His is approximately 15-25 kDa due to glycosylation.
Description: Recombinant Human SPA17 Protein with C-terminal 6Ã—His tag
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 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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.