



Recombinant Protein Technical Manual
Recombinant Human Annexin A13/ANXA13 Protein
RPES2642

Product Data:

Product SKU: RPES2642

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P27216

Protein Information:

Molecular Mass: 35.4 kDa

AP Molecular Mass: 33 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 10% Glycerol, pH 8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Annexin A13; Annexin XIII; Annexin3; Intestine-Specific Annexin; ISA; ANXA13; ANX13

Immunogen Information:

Sequence: Gly2-His316

Background:

Annexin A13 (ANXA13) belongs to the annexin family which plays a role in phospholipase inhibition, cytoskeletal interactions, intracellular signal transduction pathways and regulation of cellular growth. ANXA13 contains four annexin repeats and a pair of annexin repeats may form one binding site for calcium and phospholipid. ANXA13 is highly expressed in intestinal and kidney epithelial cells. The specific function of ANXA13 has not yet been determined; however it is associated with the plasma membrane of undifferentiated, proliferating crypt epithelial cells as well as differentiated villus enterocytes.