Datasheet for ABIN1096011

Annexin A13 Protein (ANXA13) (AA 2-316)

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Overview

Quantity:	50 µg
Target:	Annexin A13 (ANXA13)
Protein Characteristics:	AA 2-316
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Annexin A13/ANXA13
Sequence:	GNRHAKASSP QGFDVDRDAK KLNKACKGMG TNEAAIIEIL SGRTSDERQQ IKQKYKATYG KELEEVLKSE LSGNFEKTAL ALLDHPSEYA ARQLQKAMKG LGTDESVLIE VLCTRTNKEI IAIKEAYQRL FDRSLESDVK GDTSGNLKKI LVSLLQANRN EGDDVDKDLA GQDAKDLYDA GEGRWGTDEL AFNEVLAKRS YKQLRATFQA YQILIGKDIE EAIEEETSGD LQKAYLTLVR CAQDCEDYFA ERLYKSMKGA GTDEETLIRI IVTRAEVDLQ GIKAKFQEKY QKSLSDMVRS DTSGDFRKLL VALLH
Characteristics:	Recombinant Human Annexin A13/ANXA13 is produced by our E. coli expression system. The target protein is expressed with sequence (Gly2-His316) of Human ANXA13.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Annexin A13 (ANXA13)
Alternative Name:	annexin-a13 (ANXA13 Products)
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. Alternative Names: Annexin A13, Annexin XIII, Annexin-13, Intestine-Specific Annexin, ISA, ANXA13, ANX13
Molecular Weight:	35.4 kDa
UniProt:	P27216

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 10 % Glycerol, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months