

Human Syncollin (SYCN) ELISA Kit | SYCN elisa kit

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CATALOG #
AAA330623

REACTIVITY
Human

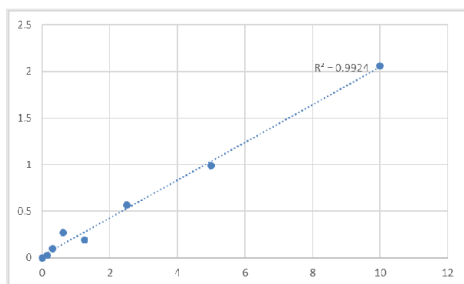
PRODUCT SYNONYMS

Syncollin (SYCN); Human Syncollin (SYCN) ELISA Kit; SYCN; FLJ27441; INSSA1; SYL; insulin synthesis associated 1; SYCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Syncollin (SYCN) ELISA Kit has high sensitivity and excellent specificity for detection of Human SYCN. No significant cross-reactivity or interference between Human SYCN and analogues was observed.
Sequence Length	134
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Syncollin (SYCN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYCN elisa kit	Description: This Human Syncollin (SYCN) ELISA Kit employs a two-site sandwich ELISA to quantitate SYCN in samples. An antibody specific for SYCN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYCN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SYCN is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SYCN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Syncollin is a 13 kDa protein that is highly expressed in the exocrine pancreas. Syncollin normally exists as a doughnut-shaped homo-oligomer (quite probably a hexamer) in close association with the luminal surface of the zymogen granule membrane. Functions in exocytosis in pancreatic acinar cells regulating the fusion of zymogen granules with each other. May have a pore-forming activity on membranes and regulate exocytosis in other exocrine tissues. Syncollin is a small protein that is abundantly expressed in pancreatic acinar cells and that is tightly associated with the luminal side of the zymogen granule membrane.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122937329
NCBI GeneID	342898
NCBI Accession #	NP_001073937.1
NCBI GenBank Nucleotide #	NP_001073937.1
UniProt Accession #	Q0VAF6
NCBI Official Full Name	syncollin
NCBI Official Synonym Full Names	syncollin
NCBI Official Symbol	SYCN
NCBI Official Synonym Symbols	SYL; INSSA1
NCBI Protein Information	syncollin
UniProt Protein Name	Syncollin
UniProt Gene Name	SYCN
UniProt Synonym Gene Names	INSSA1; SYL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/syncollin-sygn/330623>