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Datasheet for ABIN7519682
Annexin V Protein (His tag)

Overview

Quantity:	100 µg
Target:	Annexin V (ANXA5)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Annexin V protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human Annexin A5/ANXA5 Protein
Sequence:	MAQVLRGTVT DFPGFDERAD AETLRKAMKG LGTDEESILT LLTSRSNAQR QEISAAFKTL FGRDLLDDLK SELTGKFEKL IVALMKPSRL YDAYELKHAL KGAGTNEKVL TEIASRTPE ELRAIKQVYE EEEYGSSELEDD VVGDTSGYYQ RMLVLLQAN RDPDAGIDEA QVEQDAQALF QAGELKWGTD EEKFITIFGT RSVSHLRKVF DKYMTISGFQ IEETIDRETS GNLEQLLLAV VKSIRSIPAY LAETLYYAMK GAGTDDHTLI RVMVSRSEID LFNIRKEFRK NFATSLYSMI KGDTSGDYKK ALLLLCGEDD
Specificity:	Met1-Asp320
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 1.0 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human Annexin A5 at 10 µ

Product Details

g/mL (100 µL/well) can bind Human GSTO1 with a linear range of 0.15-3.16 µg/mL.

Target Details

Target: Annexin V (ANXA5)

Alternative Name: Annexin A5/ANXA5 ([ANXA5 Products](#))

Background: ANX5, ENX2, HEL-S-7, PP4, RPRGL3,ANXA5,ENX2,HEL-S-7,PP4,RPRGL3

Gene ID: 308

UniProt: [P08758](#)

Pathways: [Apoptosis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.