Recombinant Pig Annexin A1 (ANXA1)

Product Code	CSB-YP001836PI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19619
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	>85% (SDS-PAGE)
Sequence	AMVSEFLKQ AWFIDNEEQE YIKTVKGSKG GPGSAVSPYP TFNPSSDVEA SHKAITVKGV DEATIIEIHT KRTNAQRQQI KAAYLQEKGK PLDEALKKAL TGHLEEVALA LLKTPAQFDA DELRAAMKGL GTDEDTLNEI LASRTNREIR EINRVYKEEL KRDLAKDITS DTSGDYQKAL LSLAKGDRSE DLAINDDLAD TDARALYEAG ERRKGTDLNV FITILTTRSY LHLRRVFQKY SKYSKHDMNK VLDLELKGDI ENCLTVVVKC ATSKPMFFAE KLHQAMKGNG TRHKTLIRIM VSRSEIDMND IKACYQKLYG ISLCQAILDE TKGDYEKILV ALCGGD
Source	Yeast
Target Names	ANXA1
Protein Names	Recommended name: Annexin A1 Alternative name(s): Annexin I Annexin-1 Calpactin II Calpactin-2 Chromobindin-9 Lipocortin I Phospholipase A2 inhibitory protein p35
Expression Region	2-346
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Annexin I belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.