



# Recombinant Human Annexin A5 (ANXA5)

<b>Product Code</b>	CSB-MP001846HU
<b>Storage</b>	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.
<b>Uniprot No.</b>	P08758
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLTSSRSNAQRQEIS AAFKTLFGRDLLDDLKSELTKGFEKLIVALMKPSRLYDAYELKHALKGAGTNEK VLTEIIASRTPEELRAIKQVYEEYEGSSLEDDVVGDTSQYQRMVLLQANRD PDAGIDEAQVEQDAQALFQAGELKWGTDEEKFITIFGTRSVSHLRKVFVKYMTI SGFQIEETIDRETSGNLEQLLLAVVKSIRSIPAYLAETLYAMKGAGTDDHTLIRV MVSRSSEIDLFNIRKEFRKNFATSLYSMIKGDTSQDYKKALLLLCGEDD
<b>Research Area</b>	Cardiovascular
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ANXA5
<b>Protein Names</b>	Recommended name: Annexin A5 Alternative name(s): Anchorin CII Annexin V Annexin-5 Calphobindin I Short name= CBP-I Endonexin II Lipocortin V Placental anticoagulant protein 4 Short name= PP4 Placental ant
<b>Expression Region</b>	2-320aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.
<b>Reconstitution</b>	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.

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