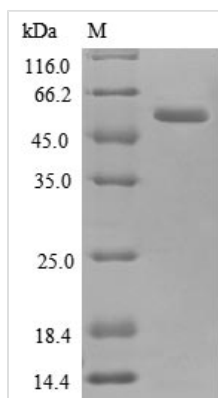




Recombinant Human Annexin A2 (ANXA2)

Product Code	CSB-EP001840HUb2
Relevance	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response. Inhibits PCSK9-enhanced LDLR degradation, probably reduces PCSK9 protein levels via a translational mechanism but also competes with LDLR for binding with PCSK9
Abbreviation	Recombinant Human ANXA2 protein
Storage	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.
Uniprot No.	P07355
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	STVHEILCKLSLEGDHSTPPSAYGSVKAYTNFDAERDALNIETAIKTKGVDEVTI VNILTNRSNAQRQDIAFAYQRRTKKELASALKSALSGHLETVILGLLKTPAQYDA SELKASMKGGLGTDEDSLIEIICSRTNQELQEINRVYKEMYKTDLEKDIISDTSGD FRKLMVALAKGRRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDVPKWISIMTE RSVPHLQKVFDYKSYSPYDMLSESIRKEVKGDLENALNLVQCIQNKPLYFAD RLYDSMKGKGTDRDKVLIRIMVSRSEVDMLKIRSEFKRKYGKSLYYYIQQDTKG DYQKALLYLCGGDD
Research Area	Signal Transduction
Source	E.coli
Target Names	ANXA2
Protein Names	Annexin II Annexin-2 Calpactin I heavy chain Calpactin-1 heavy chain Chromobindin-8 Lipocortin II Placental anticoagulant protein IV Short name: PAP-IV Protein I p36 ANX2, ANX2L4, CAL1H, LPC2D
Expression Region	2-339aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged
Mol. Weight	57.0 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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