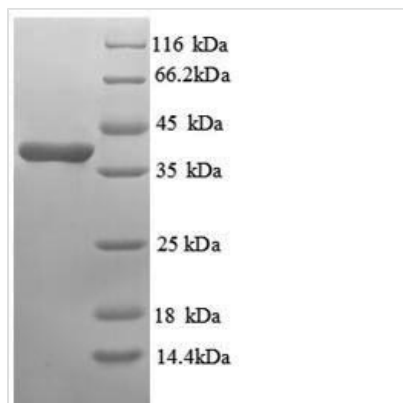




# Recombinant Human Annexin A3 (ANXA3), partial

<b>Product Code</b>	CSB-RP171494h
<b>Relevance</b>	Inhibitor of phospholipase A2, also possesses anti-coagulant properties. Also cleaves the cyclic bond of inositol 1,2-cyclic phosphate to form inositol 1-phosphate.
<b>Abbreviation</b>	Recombinant Human ANXA3 protein, partial
<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>	P12429
<b>Alias</b>	35-alpha calcimedin;Annexin IIIAnnexin-3Inositol 1,2-cyclic phosphate 2-phosphohydrolaseLipocortin IIIPlacental anticoagulant protein III ;PAP-III
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	WVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQLIVK EYQAAYGKELKDDLKGDLSGHFEHLMVALVTPPAVFDAKQLKKSMKGAGTNE DALIEILTTRTSRQMKDISQAYYTVYKKS LGDDISSETSGDFRKALLTLADGRRD ESLKVDEHLAKQDAQILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFDEYRNI SQKDIVDSIKGELSGHFEDLLLAIVNCVRNTPAFLAERLHRALKGIGTDEFTLNRI MVSRS EIDLLDIRTEFKKHGYSLYSAIKSDTSGDYEITLLKICGGD
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	ANXA3
<b>Expression Region</b>	5-322aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	39.9kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



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

## Description

In e.coli cells, the generation of recombinant Human ANXA3 protein involves cloning a DNA fragment encoding the Human ANXA3 protein (5-322aa) into a plasmid vector, which is then transferred into the e.coli cells. Positive cells are selected, cultured, and induced to express the ANXA3 protein. A N-terminal 6xHis tag is attached to the protein. Lysis of the cells allows for the harvest of the recombinant Human ANXA3 protein. The collected recombinant Human ANXA3 protein is subjected to affinity purification and is identified using SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. Its purity is greater than 90%.

## 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.