

## 32-7184: Recombinant Human Annexin A5/ANXA5

**Gene :** ANXA5  
**Gene ID :** 308  
**Uniprot ID :** P08758

### Description

Source: E.coli.  
MW :35.9kD.

Recombinant Human Annexin A5 is produced by our E.coli expression system and the target gene encoding Ala2-Asp320 is expressed. Annexin A5 (ANXA5) is a member of the annexin family of calcium-dependent phospholipid binding proteins. ANXA5 is an anticoagulant protein by acting as an indirect inhibitor of the thromboplastin-specific complex. ANXA5 is also a protein kinase C and phospholipase A2 inhibitor. It participate in inflammation, cellular signal transduction, growth and differentiation. ANXA5 binding to phosphatidylserine and sulfatide to regulates coagulability in the blood stream. It also protects sinusoidal endothelial cells from ischemia reperfusion damage. ANXA5 is important for normal CFTR chloride channel activity.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 1mM DTT, 10% Glycerol, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILLLLTSRSNAQRQEISAAFKTLFGRDLLDDLKSELT  
GKFEKLIVALMKPSRLYDAYELKHALKGAGTNEKVLTEIIASRTPEELRAIKQVYEEYGGSSLEDDVVGDTSGYYQ  
RMLVVLLQANRDPDAGIDEAQVEQDAQALFQAGELKWTDEEKFITIFGTRSVSHLRKVFDKYMTISGFQIEETI  
DRETSGNLEQLLLAVVKSIRSIPAYLAETLYYAMKGAGTDDHTLIRVMVSRSETDLFNIRKEFRKNFATSLYSMIK  
GDTSGDYKKALLLLCGEDD

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.