

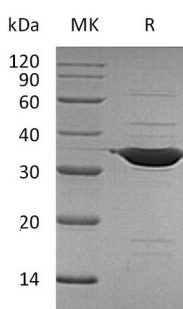
**Product Name: Recombinant Human ANXA5**  
**Catalog #: PEH0073**



## Summary

<b>Name</b>	Annexin A5/ANXA5
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Annexin A5 is produced by our E.coli expression system and the target gene encoding Ala2-Asp320 is expressed.
<b>Accession #</b>	P08758
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	35.9 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 10% Glycerol, pH 8.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Annexin A5; Anchorin CII; Annexin V; Annexin-5; Calphobindin I; CBP-I; Endonexin II; Lipocortin V; Placental Anticoagulant Protein 4; PP4; Placental Anticoagulant Protein I; PAP-I; Thromboplastin Inhibitor; Vascular Anticoagulant-Alpha; VAC-Alpha; ANXA5; ANX5; ENX2; PP4
<b>Background</b>	Annexin A5 (ANXA5) is a member of the annexin family of calcium-dependent

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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.

**Note**

For Research Use Only , Not for Diagnostic Use.