

## Recombinant Human Annexin A7/ANXA7 Protein

Catalog No. PKSH032077

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

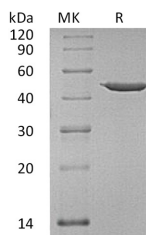
### Description

<b>Synonyms</b>	Annexin A7;Annexin VII;Annexin-7;Synexin;ANXA7;ANX7;SNX
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Gln466
<b>Accession</b>	P20073-2
<b>Calculated Molecular Weight</b>	50.3 kDa
<b>Observed molecular weight</b>	47 kDa
<b>Tag</b>	None
<b>Bioactivity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 10mM Tris-HCl, 100mM NaCl, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Annexin A7 (ANXA7) is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin

### For Research Use Only

A7 has a unique, highly hydrophobic N-terminal domain and a conserved C-terminal region. The C-terminal region is composed of alternating hydrophobic and hydrophilic segments. Annexin A7 is a calcium/phospholipid-binding protein with diverse properties including voltage-sensitive calcium channel activity and promotes membrane fusion and is also involved in exocytosis.