

## Recombinant Human Annexin A6/ANXA6 Protein (His Tag)

Catalog No. PKSH032076

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

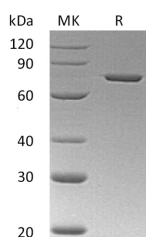
### Description

<b>Synonyms</b>	Annexin A6;67 kDa Callectrin;Annexin VI;Annexin-6;Calphobindin-II;CPB-II;Chromobindin-20;Lipocortin VI;Protein III;p68;p70;ANXA6;ANX6
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Ala2-Asp673
<b>Accession</b>	P08133
<b>Calculated Molecular Weight</b>	76.9 kDa
<b>Observed molecular weight</b>	60-90 kDa
<b>Tag</b>	C-His
<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 PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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 A6 (ANAX6) belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Annexin

### For Research Use Only

A6 is a secreted protein and locates on the cell surface. Annexin A6 contains 8 annexin repeats separated by linking sequences of variable lengths. A pair of annexin repeats may form one binding site for calcium and phospholipid. ANXA6 is involved in the regulation of the release of  $\text{Ca}^{2+}$  from intracellular stores and may be associated with CD21. In addition, ANXA6 has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.