

Catalog No.: RP02985 **Recombinant**

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 309 | P08133 |

Tags
C-His

Annexin A6; 67 kDa Callectrin; Annexin VI; Annexin-6; Calphobindin-II; CPB-II; Chromobindin-20; Lipocortin VI; Protein III; p68; p70; ANXA6; ANX6

| | |
|---------------------------------|--|
| Source <i>E. coli</i> | Purification ≥ 95 % as determined by SDS-PAGE. |
|---------------------------------|--|

| Calculated MW | Observed MW |
|---------------|-------------|
| 76.9 kDa | 60-90 kDa |

< 1 EU/μg of the protein by LAL method.

Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Annexin A6 (ANXA6) belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Annexin 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 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.

Recombinant Human Annexin A6/ANXA6 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ala2-Asp673) of Human Annexin A6/ANXA6 (Accession #NP_001146.2) fused with a 6xHis tag at the C-terminus.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

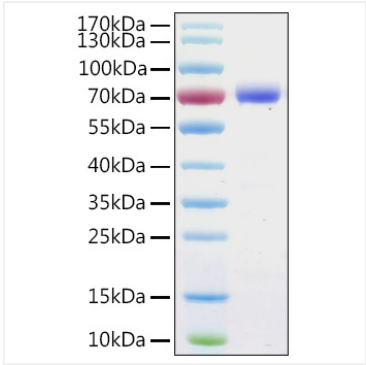
Avoid repeated freeze/thaw cycles.

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Validation Data



Recombinant Human Annexin A6/ANXA6
Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.