

Recombinant Human Annexin A6/ANXA6 Protein

Catalog No.: RP02985

Sequence Information

Species **Gene ID**
Human 309

Swiss Prot **Tags**
P08133 C-His

Synonyms

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

Product Information

Source **Purification**
E. coli ≥ 95 % as
determined by
SDS-PAGE.

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

Endotoxin

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

Formulation

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

Reconstitution

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 free-thaw cycles.

Background

Annexin A6 (ANAX6) 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 Ca²⁺ 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.

Basic Information

Description

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 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

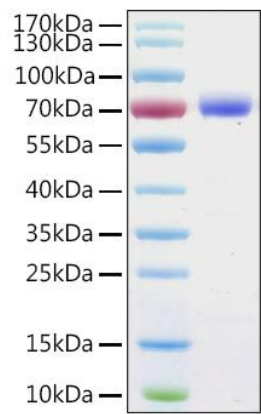
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Validation Data



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