



Recombinant Protein Technical Manual

Recombinant Human Annexin A6/ANXA6 Protein (His Tag) RPES2706

Product Data:

Product SKU: RPES2706

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P08133

Protein Information:

Molecular Mass: 76.9 kDa

AP Molecular Mass: 76 kDa

Tag: C-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Ala2-Asp673

Background:

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 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.