

Recombinant Human Annexin A6/ANXA6 Protein (His Tag)

Catalog No. PKSH032076

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

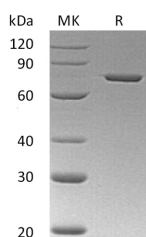
Description

Synonyms	Annexin A6;67 kDa Callectrin;Annexin VI;Annexin-6;Calphobindin-II;CPB-II;Chromobindin-20;Lipocortin VI;Protein III;p68;p70;ANXA6;ANX6
Species	Human
Expression Host	E.coli
Sequence	Ala2-Asp673
Accession	P08133
Calculated Molecular Weight	76.9 kDa
Observed molecular weight	60-90 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	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 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.