

Recombinant Human Annexin A7/ANXA7 Protein

Catalog No. PKSH032077

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

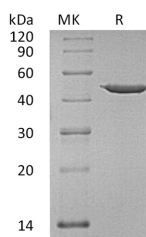
Description

Synonyms	Annexin A7;Annexin VII;Annexin-7;Synexin;ANXA7;ANX7;SNX
Species	Human
Expression Host	E.coli
Sequence	Met 1-Gln466
Accession	P20073-2
Calculated Molecular Weight	50.3 kDa
Observed molecular weight	47 kDa
Tag	None
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 10mM Tris-HCl, 100mM NaCl, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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 A7 (ANXA7) is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin

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A7 has a unique, highly hydrophobic N-terminal domain and a conserved C-terminal region. The C-terminal region is composed of alternating hydrophobic and hydrophilic segments. Annexin A7 is a calcium/phospholipid-binding protein with diverse properties including voltage-sensitive calcium channel activity and promotes membrane fusion and is also involved in exocytosis.