



Recombinant Protein Technical Manual

Recombinant Human Annexin A7/ANXA7 Protein

RPES2727

Product Data:

Product SKU: RPES2727

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P20073-2

Protein Information:

Molecular Mass: 50.3 kDa

AP Molecular Mass: 47 kDa

Tag:

Bio-activity:

Purity: > 95 % 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 10mM TrisHCl, 100mM NaCl, pH 8.0.

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

Application:

Synonyms: Annexin A7; Annexin VII; Annexin-7; Synexin; ANXA7; ANX7; SNX

Immunogen Information:

Sequence: Met 1-Gln466

Background:

Annexin A7 (ANXA7) is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin 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.