



Product Datasheet

Product Name	Annexin 7 Human Recombinant
Cata No	CB501066
Source	<i>Escherichia Coli.</i>
Synonyms	Annexin A7, Annexin-7, Annexin VII, Synexin, ANXA7, ANX7, SNX.

Description

Annexin VII is a member of the annexin family of calcium-dependent phospholipid binding proteins. Annexin VII has molecular weight of approximately 51 kDa with a unique, highly hydrophobic N-terminal domain of 167 amino acids and a conserved C-terminal region of 299 amino acids. The latter domain is composed of alternating hydrophobic and hydrophilic segments. Structural analysis of the protein suggests that Annexin VII is a membrane binding protein with diverse properties including voltage-sensitive calcium channel activity, ion selectivity and membrane fusion.

ANXA-7 Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing amino acids (1-466) and having a total molecular mass of 53.6 kda.

ANXA7 contains T7 tag at N-terminus and is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Formulation

Annexin-VII at a concentration of 0.1mg containing 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN₃ and 10mM DTT.

Stability

Annexin-7 although stable at 4°C for 1 week, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles

Applications

- ELISA
- MS
- Western Blotting