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ANXA11 Human

Description:ANXA11 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 525 amino acids (1-505 a.a.) and having a molecular mass of 56.6kDa. The ANXA11 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-285

For research use only.

Synonyms: Annexin A11, 56 kDa autoantigen, Annexin XI, Annexin-11, Calcyclin-associated annexin 50, CAP-50, ANXA11, ANX11, CAP50.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYPPPG NPPSRMPSY PPYPGAPVPG QPMPPPGQQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVLR KAM

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:
The ANXA11 solution (0.25 mg/ml) contains 20% glycerol, 2mM DTT and 100mM NaCl.

Stability:
ANXA11 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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
Annexin A11 (ANXA11) belongs to the annexin family, which is a group of calcium-dependent phospholipid-binding proteins. Annexins have distinctive N-terminal domains and conserved C-terminal domains, which contain the calcium-dependent phospholipid-binding sites. Annexin A11 binds specifically to calcyclin in a calcium-dependent manner. Moreover, ANXA11 is required for midbody formation and completion of the terminal phase of cytokinesis. The ANXA11 protein is a 56kDa antigen recognized by sera from patients with various autoimmune diseases.

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