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32-3194: ANXA11 Recombinant Protein

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The ANXA11 solution (0.25 mg/ml) contains 20% glycerol, 2mM DTT and 100mM NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSYPGYPPPP GGYPPAAPGG GPWGGAAYPP PPSMPPIGLD NVATYAGQFN QDYLSGMAAN MSGTFGGANM PNLYPGAPGA GYPPVPPGGF GQPPSAQQPV PPYGMYPPPG NPPSRMPSY PPYPGAPVPG QPMPPPGQQP PGAYPGQPPV TYPGQPPVPL PGQQQPVPSY PGYPGSGTVT PAVPPTQFGS RGTITDAPGF DPLRDAEVLR KAMKGFGTDE QAIIDCLGSR SNKQRQQILL SFKTAYGKDL IKDLKSELSG NFEKTILALM KTPVLFDIYE IKEAIKGVGT DEACLIEILA SRSNEHIREL NRAYKAEFKK TLEEAIRSDT GHFQRLLIS LSQGNRDEST NVDMSLAQRD AQELYAAGEN RLGTDESKFN AVLCSRSRAH LVAVFNEYQR MTGRDIEKSI CREMSGDLEE GMLAVVKCLK NTPAFFAERL NKAMRGAGTK DRTLIRIMVS RSETDLLDIR SEYKRMYGKS LYHDISGDTS GDYRKILLKI CGGND.