



Murine Annexin A1

Synonyms: Annexin A1, Annexin I, Annexin-1, Calpactin II, Calpactin-2, Chromobindin-9, Lipocortin I, Phospholipase A2 inhibitory protein, p35.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	4077.960.005		
20 µg	4077.960.020		
1 mg	4077.960.199		

Please enquire for bulk quantities and other vial sizes.

Description

Recombinant Murine Annexin A1 produced in *E. Coli* is a single, non-glycosylated polypeptide chain containing 369 amino acids (1-346 a.a) and having a molecular mass of 41.1 kDa. ANXA1 is fused to a 23 amino acid His-tag at N-terminus.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** ANXA1 protein solution (1 mg/ml) containing Phosphate buffered saline (pH7.4), 20 % glycerol and 1 mM DTT*
- **Physical State** Sterile filtered colorless solution

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMAMVSEF LKQARFLENQ EQEYVQAVKS YKGGPGSAVS PYPSPFNVSSD
 VAALHKAIM VKGVDEATII DILTKRTNAQ RQIKAAAYLQ ENKPLDEVL RKALTGHLEE VVLAMLKTPA
 Q FDADELRG AMKGLGTDED TLIEILTTRS NEQIREINRV YREELKRDLA KDITSDTSGD FRKALLALAK
 GD RCQDLSV NQDLADTDAR ALYEAGERRK GTDVNVFTTI LTRSFPHLR RVFQNYGKYS QHDMNKALDL
 ELK GDIEKC LTTIVKCATS TPAFFAEKLY EAMKGAGTRH KALIRIMVSR SEIDMNEIKV FYQKKYGISL
 CQAI LDETK GDYEKILVAL CGGN

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.