

Annexin A1 Recombinant Protein | Anxa1 recombinant protein

Recombinant Mouse Annexin A1

CATALOG # AAA113480	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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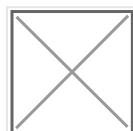
PRODUCT SYNONYMS

Annexin A1; Recombinant Mouse Annexin A1; Annexin I; Annexin-1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35; Anxa1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-346aa; Full Length of Mature Protein
Sequence	AMVSEFLKQA RFLENQEQEY VQAVKSYKGG PGSVSPYPS FNVSSDVAAL HKAIMVKGVD EATIIDILTK RTNAQRQQIK AAYLQENGKP LDEVLRKALT GHLEEVVLAM LKTPAQFDAD ELRGAMKGLG TDEDTLIEIL TTRSNEQIRE INRVYREELK RDLAKDITSD TSGDFRKALL ALAKGDRCQD LSVNQDLADT DARALYEAGE RRRKGTDVNVF TTILTSRSFP HLRRVFQNYG KYSQHDMNKA LDLELKGDI KCLTTIVKCA TSTPAFFAEK LYEAMKGAGT RHKALIRIMV SRSEIDMNEI KVFYQKKYGI SLCQAILDET KGDYEKILVA LCGGN
Buffer	0.2um sterile filtered 20 mM Tris-HCl, 0.5M NaCl, pH 8.0, 50% glycerol
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Anxa1 recombinant protein	Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis. This protein regulates phospholipase A2 activity. It ses to bind from two to four calcium ions with high affinity.
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References	Mouse lipocortin I cDNA.Sakata T., Iwagami S., Tsuruta Y., Suzuki R., Hojo K., Sato K., Teraoka H.Nucleic Acids Res. 16:11818-11818(1988) Mouse lipocortin I gene structure and chromosomal assignment gene duplication and the origins of a gene family.Horlick K.R., Cheng I.C., Wong W.T., Wakeland E.K., Nick H.S.Genomics 10:365-374(1991) cDNA-cloning, sequencing and expression in glucocorticoid-stimulated quiescent Swiss 3T3 fibroblasts of mouse lipocortin I.Philipps C., Rose-John S., Rincke G., Fuerstenberger G., Marks F.Biochem. Biophys. Res. Commun. 159:155-162(1989) Dysferlin interacts with annexins A1 and A2 and mediates sarcolemmal wound-healing.Lennon N.J., Kho A., Bacskai B.J., Perlmutter S.L., Hyman B.T., Brown R.H. Jr.J. Biol. Chem. 278:50466-50473(2003) Large scale localization of protein phosphorylation by use of electron capture dissociation mass spectrometry.Sweet S.M., Bailey C.M., Cunningham D.L., Heath J.K., Cooper H.J.Mol. Cell. Proteomics 8:904-912(2009) SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124517663
NCBI GeneID	16952
NCBI Accession #	NP_034860.2
NCBI GenBank Nucleotide #	NM_010730.2
UniProt Accession #	P10107
Molecular Weight	40.6 kDa
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	Anxa1
NCBI Official Synonym Symbols	Lpc1; Anx-1; Lpc-1; Anx-A1; C430014K04Rik
NCBI Protein Information	annexin A1
UniProt Protein Name	Annexin A1
UniProt Gene Name	Anxa1
UniProt Synonym Gene Names	Anx1; Lpc-1; Lpc1
UniProt Entry Name	ANXA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.