

Recombinant human Annexin A1

Catalog No: #AP72217



Package Size: #AP72217-1 20ug #AP72217-2 100ug #AP72217-3 1mg

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Description

Product Name	Recombinant human Annexin A1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:5-346aaSequence Info:Partial
Other Names	Annexin IAnnexin-1Calpactin IICalpactin-2;Chromobindin-9Lipocortin IPhospholipase A2 inhibitory proteinp35
Accession No.	P04083
Uniprot	P04083
GeneID	301;
Calculated MW	42.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SEFLKQAWFIENEEQEYVQTVKSSKGGPGSAVSPYPTFNPSSDVAALHKAIMVKGVDIATIIDILTKRNNQRQ QIKAAYLQETGKPLDETLKALTGHLEEVVLLALLKTPAQFDADELRAAMKGLGTDEDTLIEILASRTNKEIRDINR VYREELKRDIAKSDTSGDFRNALLSLAKGDRSEDFGVNEDLADSDARALYEAGERRKGTVDVNVFNTILTT RSYPQLRRRVFQKYTKYSKHD MNKVLDELKGDIEKCLTAIVKCATSKPAFFAEKHLHQAMKGVGTRHKALIRIMV SRSEIDMNDIKAFYQKMYGISLCQAILDETKGDYKILVALCGGN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Calcium,phospholipid-binding protein which promotes mbrane 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.

References

Cloning and expression of human lipocortin, a phospholipase A2 inhibitor with potential anti-inflammatory activity.Wallner B.P., Mattaliano R.J., Hession C., Cate R.L., Tizard R., Sinclair L.K., Foeller C., Chow E.P., Browning J.L., Ramachandran K.L., Pepinsky R.B.Nature 320:77-81(1986)Research Topic:Signal Transduction

Note: This product is for in vitro research use only