

Recombinant Human Annexin A2(ANXA2)

Catalog No: #AP70034

Package Size: #AP70034-1 20ug #AP70034-2 100ug #AP70034-3 1mg

Description

Product Name	Recombinant Human Annexin A2(ANXA2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-339aaSequence Info:Full Length
Other Names	Annexin II;Annexin-2;Calpactin I heavy chain;Calpactin-1 heavy chain;Chromobindin-8;Lipocortin II;Placental anticoagulant protein IV ;PAP-IVProtein I;p36
Accession No.	P07355
Calculated MW	54.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	STVHEILCKLSLEGDHSTPPSAYGSKAYTNFDAERDALNIETAIKTKGVDEVTIVNLTNRSNAQRQDIAFAYQ RRTKKELASALKSALSGHLETIVILGLLKTPAQYDASELKASMKGLGTDEDSLIEIICSRTNQELQEINRVYKEMY KTDLEKDIISDTSGDFRKLMLVALAKGRRRAEDGSVIDYELIDQDARDLYDAGVKRKGTDPKWKISIMTERSVPHL QKVFDRYKSYSPYDMLSESIRKEVKGDLENAFLNLVQCQNKPLYFADRLYDSMKGKGTRDKVLIRIMVSRSEV DMLKIRSEFKRKYGKSLYYYIQQDTKGDYQKALLYLCGGDD
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-regulated mbrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.

References

Two human 35 kd inhibitors of phospholipase A2 are related to substrates of pp60v-src and of the epidermal growth factor receptor,kinase.Huang K.-S., Wallner B.P., Mattaliano R.J., Tizard R., Burne C., Frey A., Hession C., McGray P., Sinclair L.K., Chow E.P., Browning J.L., Ramachandran K.L., Tang J., Smart J.E., Pepinsky R.B.Cell 46:191-199(1986)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.