

Recombinant Human Paralemmin-1(PALM)

Catalog No: #AP74026



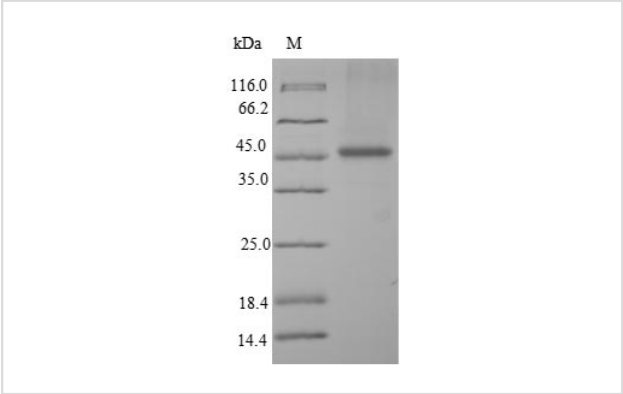
Package Size: #AP74026-1 20ug #AP74026-2 100ug #AP74026-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Paralemmin-1(PALM)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-384aaSequence Info:Full Length
Other Names	Paralemmin
Accession No.	O75781
Uniprot	O75781
GeneID	5064;
Calculated MW	45.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MEVLAAETTSQQERLQAIAEKRRQAEIENKRRQLEDERRQLQHLKSKALRERWLLEGTPSSASEGDEDLRR QMQDDEQKTRLLEDVSRLEKEIEVLERGDSAPATAKENAAAPSPVRAPAPSPAKEERKTEVVMNSQQTPVG TPKDKRVSNTPLRVDGSPMMKAAMYSVEITVEKDKVTGETRVLSSTLLPRQPLPLGIKVYEDETKVVHAVD GTAENGIHPLSSSEVDELIHKADEVTLSEAGSTAGAAETRGAVEGAARTTPSRREITGVQAQPGEATSGPPGI QPGQEPPVTMIFMGYQNVEDEAETKKVLGLQDTITAEVLVIEDAAEPKEPAPPNGSAAEPPTAASREENQAG PEATTSDPQDLDMKKHRCKCC
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.

Images



Background

Involved in plasma membrane dynamics and cell process formation. Isoform 1 and isoform 2 are necessary for axonal and dendritic filopodia induction, for dendritic spine maturation and synapse formation in a palmitoylation-dependent manner.

References

"A quantitative atlas of mitotic phosphorylation."Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).Research Topic:Neuroscience

Note: This product is for in vitro research use only