

# Recombinant human Actin-related protein 2/3 complex subunit 3

Catalog No: #AP71812

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #AP71812-1 20ug #AP71812-2 100ug #AP71812-3 1mg

## Description

Product Name	Recombinant human Actin-related protein 2/3 complex subunit 3
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-175aaSequence Info:Partial
Other Names	Arp2,3 complex 21KDA subunit ;p21-AR;C
Accession No.	O15145
Uniprot	O15145
GeneID	10094;
Calculated MW	47.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	PAYHSSLMDPDTKLIGNMALLPIRSQFKGPAPRETKDTDIVDEAIYFKANVFFKNYEIKNEADRTLIIYITLYISEC LKKLQKCNSKSQGEKEMYTLGITNFPIGEPGFPLNAIYAKPANKQEDEVMRAYLQQLRQETGLRLCEKVFDP QNDKPSKWWTFCVVKRQFMNKSLSG
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

Functions as component of the Arp2,3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks.

## References

Mammalian actin-related protein 2,3 complex localizes to regions of lamellipodial protrusion and is composed of evolutionarily conserved proteins.Machesky L.M., Reeves E., Wientjes F., Mattheyse F.J., Grogan A., Totty N.F., Burlingame A.L., Hsuan J.J., Segal A.W.Biochem. J. 328:105-112(1997)Research Topic:Signal Transduction

Note: This product is for in vitro research use only