

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

Catalog No: #AP71815

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Package Size: #AP71815-1 20ug #AP71815-2 100ug #AP71815-3 1mg

## Description

Product Name	Recombinant human Actin-related protein 2/3 complex subunit 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-250aaSequence Info:Partial
Other Names	Arp2,3 complex 34KDA subunit ;p34-AR;C
Accession No.	O15144
Uniprot	O15144
GeneID	10109;
Calculated MW	55.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFQDGLYHISNPNGDKTKVMVSISLKFYKELQAHGADEL LKRVIYGSFLVNPESGYNVSLLYDLENLPASKDSIVHQAGMLKRNCFASVFEKYFQFQEEGKEGENRAVIHYRD DETMYESKDKDRVTVFSTVFKDDDDVVIGKVFMQEFKEGRRASHTAPQVLFSHREPPLELKDTDAAVGDNI GYITFVLFPRHTNASARDNTINLIHTFRDY
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 actin-binding 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. See to contact the mother actin filament.

## References

The human Arp2,3 complex is composed of evolutionarily conserved subunits and is localized to cellular regions of dynamic actin filament assembly.Welch M.D., Depace A.H., Verma S., Iwamatsu A., Mitchison T.J.J. Cell Biol. 138:375-384(1997)Research Topic:Signal Transduction

Note: This product is for in vitro research use only