

## Activity-regulated cytoskeleton-associated protein

Catalog No: #AP79412



Package Size: #AP79412-1 50ug #AP79412-2 100ug #AP79412-3 1mg

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## Description

Product Name	Activity-regulated cytoskeleton-associated protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	1-240AA
Other Names	KIAA0278,ARC/ARG3.1,Activity-regulated gene 3.1 protein homolog,Arg3.1
Accession No.	Q7LC44Gene name:ARC
Uniprot	Q7LC44
GeneID	23237;
Calculated MW	26.4
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Required for consolidation of synaptic plasticity as well as formation of long-term memory. Regulates endocytosis of AMPA receptors in response to synaptic activity. Required for homeostatic synaptic scaling of AMPA receptors (By similarity). Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration.

## References

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Note: This product is for in vitro research use only