

# Recombinant Full Length Human ARC Protein, GST-tagged

Cat. No. ARC-1201HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ARC full-length ORF ( NP_056008.1, 1 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	396 amino acids
<b>Description</b>	ARC (Activity Regulated Cytoskeleton Associated Protein) is a Protein Coding gene. Diseases associated with ARC include Amphetamine Abuse and Anterograde Amnesia. Among its related pathways are Neuroscience and Cytoskeletal Signaling.
<b>Molecular Mass</b>	71.7 kDa
<b>AA Sequence</b>	MELDHRTSGG LHAYPGPRGG QVAKPNVILQ IGKCRAEMLE HVRRTTHRLL AEVSKQVERE LKGLHRVSGK LESNLDGYVP TSDSQRWKKS IKACLCRCQE TIANLERWVK REMHVWREVF YRLERWADRL ESTGGKYPVG SESARHTVSV GVGGPESYCH EADGYDYTVS PYAITPPPA GELPGQEPAE AQQYQPWVPG EDGQPSPGVD TQIFEDPREF LSHLEEYLRQ VGGSEEYWLS QIQNHMNGPA KKWWEFKQGS VKNWVEFKKE FLQYSEGTL S REAIQRELDL PQQKQEPLDQ FLWRKRDLYQ TLYVDADEEE IIQYVVGTLQ PKLKRFLRHP LPKTLEQLIQ RGMEVQDDLE QAAEPAGPHL PVEDEAETLT PAPSSESVAS DRTQPE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [ARC activity-regulated cytoskeleton-associated protein \[ Homo sapiens \]](#)

**Official Symbol** [ARC](#)

**Synonyms** ARC; activity-regulated cytoskeleton-associated protein; Arg3.1; KIAA0278; ARC/ARG3.1; activity-regulated gene 3.1 protein homolog

**Gene ID** [23237](#)

**mRNA Refseq** [NM\\_015193](#)

**Protein Refseq** [NP\\_056008](#)

**MIM** [612461](#)

**UniProt ID** [Q7LC44](#)

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