Recombinant Human ACTR2 Protein, GST-tagged

Cat. No. ACTR2-236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACTR2 full-length ORF (AAH14546.1, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	69.08 kDa
AA Sequence	MDSQGRKVVVCDNGTGFVKCGYAGSNFPEHIFPALVGRPIIRSTTKVGNIEIKDLMV GDEASELRSTLEVNYPMENGIVRNWDDMKHLWDYTFGPEKLNIDTRNCKILLTEPP MNPTKNREKIVEVMFETYQFSGVYVAIQAVLTLYAQGLLTGVVVDSGDGVTHICPVY ESFSLPHLTRRLDIAGRDITRYLIKLLLLRGYAFNHSADFETVRMIKEKLCYVGYNIEQ EQKLALETTVLVESYTLPDGRIIKVGGERFEAPEALFQPHLINVEGVGVAELLFNTIQA ADIDTRSEFYKHIVLSGGSTMYPGLPSRLERELKQLYLERVLKGDVEKLSKFKIRIEDP PRRKHMVFLGGAVLADIMKDKDNFWMTRQEYQEKGVRVLEKLGVTVR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

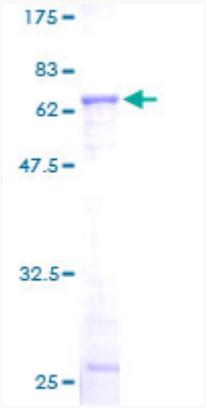
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	ACTR2 ARP2 actin-related protein 2 homolog (yeast) [Homo sapiens]
Official Symbol	ACTR2
Synonyms	ACTR2; ARP2 actin-related protein 2 homolog (yeast); ARP2 (actin related protein 2, yeast) homolog; actin-related protein 2; ARP2; actin-like protein 2;
Gene ID	10097
mRNA Refseq	NM_001005386
Protein Refseq	NP_001005386
MIM	604221
UniProt ID	P61160

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12.5% SDS-PAGE Stained with Coomassie Blue.

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