

## Recombinant Human ACTR2, GST-tagged

Cat. No. ACTR2-9346H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human ACTR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-394a.a.

**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.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol

### GENE INFORMATION

**Gene Name** ACTR2 ARP2 actin-related protein 2 homolog (yeast) [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	ACTR2
<b>Synonyms</b>	ACTR2; ARP2 actin-related protein 2 homolog (yeast); ARP2 (actin related protein 2, yeast) homolog; actin-related protein 2; ARP2; actin-like protein 2;
<b>Gene ID</b>	10097
<b>mRNA Refseq</b>	NM_001005386
<b>Protein Refseq</b>	NP_001005386
<b>MIM</b>	604221
<b>UniProt ID</b>	P61160
<b>Chromosome Location</b>	2p14
<b>Pathway</b>	B Cell Receptor Signaling Pathway, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; RAC1 signaling pathway, organism-specific biosystem;
<b>Function</b>	ATP binding; actin binding; nucleotide binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA