

Recombinant Human ACTR3 Protein, GST-tagged

Cat. No. ACTR3-237H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ACTR3 full-length ORF (AAH44590, 1 a.a. - 418 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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]
Molecular Mass	71.72 kDa
AA Sequence	MAGRLPACVVDCGTGYTKLGYAGNTEPQFIIPSCIAIKESAKVGDQAQRRVMKGVD DLDDFFIGDEAIEKPTYATKWPIRHGIAEDWDLMERFMEQVIFKYLRAEPEDHYFLLTE PPLNTPENREYTAEIFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGTVIDSG DGVTHVIPVAEGYVIGSCIKHIPIAGRDITYFIQQLLRDREVGIPPEQSLETAKAVKERY SYVCPDLVKEFNKYDTDGSKWIKQYTGINAISKKEFSIDVGYERFLGPEIFFHPEFAN PDFTQPISEVVDEVIQNCPIDVRRPLYKNIVLSGGSTMFRDFGRRLQRDLKRTVDARL KLSEELSGGRLKPKPIDVQVITHHMQRYAVWFGGSMMLASTPEFYQVCHTKKDYEEI GPSICRHNPVFGVMS
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 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	ACTR3 ARP3 actin-related protein 3 homolog (yeast) [Homo sapiens]
Official Symbol	ACTR3
Synonyms	ACTR3; ARP3 actin-related protein 3 homolog (yeast); ARP3 (actin related protein 3, yeast) homolog; actin-related protein 3; ARP3; actin-like protein 3;
Gene ID	10096
mRNA Refseq	NM_005721
Protein Refseq	NP_005712
MIM	604222
UniProt ID	P61158

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12.5% SDS-PAGE Stained with Coomassie Blue.

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