



Human ACTR2 peptide (DAG-P1392)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the actin family. ARP2 subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ACTR2 ARP2 actin-related protein 2 homolog (yeast) [Homo sapiens (human)]
Official Symbol	ACTR2
Synonyms	ACTR2; ARP2 actin-related protein 2 homolog (yeast); ARP2; actin-related protein 2; actin-like protein 2;
Entrez Gene ID	10097
mRNA Refseq	NM_001005386.2
Protein Refseq	NP_001005386.1

UniProt ID	P61160
Chromosome Location	2p14
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Fcgamma receptor (FCGR) dependent phagocytosis, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; RAC1 signaling pathway, organism-specific biosystem; Regulation of actin dynamics for phagocytic cup formation, organism-specific biosystem;
Function	ATP binding; actin binding;