9051 Mira Mesa Blvd, #910094
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ACTR3 Human

ARP3 Actin-Related Protein 3 Human Recombinant
RCP0011

Product Overview

Name	ACTR3 Human
Description	
ARP3 Actin-Related Protein 3 Human Recombinant	
Accession (Primary)	P61158
Synonyms	
ARP3 Actin-Related Protein 3 Homolog (Yeast), ARP3, Actin-Like Protein 3, ARP3 (Actin-Related Protein 3, Yeast) Homolog, Actin-Related Protein 3.	
Introduction	
ARP3 Actin-Related Protein 3, also known as ACTR3, belongs to the actin family. The specific function of ACTR3 has not been established yet. On the other hand, ACTR3 is identified as being a major constituent of the ARP2/3 complex. In addition, this complex is located at the cell surface and vital to cell shape & motility through lamellipodial actin assembly and protrusion. 3 transcript variants encoding 2 different isoforms have been discovered for ACTR3.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ACTR3 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAGRLPA CVVDCGTGYT KLGYAGNTEP QFIIPSCIAI KESAKVGDQA QRRVMKGVDD LDFFIGDEAI EKPTYATKWP IRHGIVEDWD LMERFMEQVI FKYLRAEPED HYFLLTEPPL NTPENREYTA EIMFESFNVP GLYIAVQAVL ALAASWTSRQ VGERTLTGTV IDSGDGVTHV IPVAEGYVIG SCIKHIPIAG RDITYFIQQL LRDREVGIPP EQSLETAKAV KERYSYVCPD LVKEFNKYDT DGSKWIKQYT	

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GINAISKKEF SIDVGYERFL GPEIFFHPEF ANPDFTQPIS EVVDEVIQNC PIDVRRPLYK NIVLSGGSTM FRDFGRRLQR DLKRTVDARL KLSEELSGGR LKPKPIDVQV ITHHMQRYAV WFGGSMLAST PEFYQVCHTK KDYEEIGPSI CRHNPVFGVM S.

Precautions

ACTR3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61158)