

## 32-3155: ACTR3 Recombinant Protein

**Alternative Name :** ARP3 Actin-Related Protein 3 Homolog (Yeast), ARP3, Actin-Like Protein 3, ARP3 (Actin-Related Protein 3, Yeast) Homolog, Actin-Related Protein 3.

### Description

Source : Escherichia Coli. ACTR3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 441 amino acids (1-418 a.a) and having a molecular mass of 49.8kDa. ACTR3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** ACTR3 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAGRLPA CVVDCGTGYT KLG YAGNTEP QFIIPSCIAI  
 KESAKVGDQAQRRVMKGVDD LFFIGDEAI EKPTYATKWP IRHGIVEDWD LMERFMEQVI  
 FKYLAEPED HYFLLTEPPLNTPENREYTA EIMFESFNVP GLYIAVQAVL  
 ALAASWTSRQVGERTLTGTV IDSGDGVTHV IPVAEGYVIG SCIKHIPIAG  
 RDITYFIQQLRDREVGIPP EQSLETAKAV KERYSYVCPD LVKEFNKYDT DGSKWIKQYT  
 GINAISKKEF SIDVGYERFLGP EIFFHPEF ANPDFTQPIS EVVDEVIQNC PIDVRRPLYK  
 NIVLSGGSTM FRDFGRRLQRDLKRTVDARL KLSEELSGGR LKPKPIDVQV ITHHMQR YAV  
 WFGGSMLASTPEFYQVCHTK KDYEEIGPSI CRHNPVFGVM S.

