

Recombinant Human ACTR3 Protein, His&GST-tagged

Cat. No. ACTR3-658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACTR3 (NP_005712.1) (Ala2-Ser418) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Species	Human
Source	Insect Cells
ProteinLength	2-418 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol, 3 mM DTT, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human ACTR3 consists 654 amino acids and predicts a molecular mass of 75.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

Chromosome Location 2q14.1

Pathway 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;

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