Recombinant ARP3C protein (His tag)

Catalog Number	551007
Synonyms	Actin-related protein 11
Species	Human
Expression System	E. coli
Accession	Q9C0K3
Molecular Weight	Predictes a molecular mass of 23.13 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 24 kDa band.

Product Information

Sequence Region	22-210
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 22-210 aa (Q9C0K3) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human Actin-related protein 3C (ACTR3C) Fragment (aa 22-210) is a high-purity protein designed for structural and biochemical studies. This 189-amino acid fragment represents a stable, soluble unit of ACTR3C, which is implicated in suppressing metastatic potential in lung adenoma carcinoma cells, offering a valuable tool for cancer research and molecular biology applications. Actin-related protein 3C (ACTR3C), encoded by the gene ACTR3C in Homo sapiens, is associated with the suppression of metastatic potential in lung adenoma carcinoma cells, as supported by evidence from PubMed (11162478). This function highlights its potential role in cancer progression and metastasis, making it a protein of interest in oncology and cell biology research. The subcellular localization is not specified in the provided data.