

Recombinant Human ACTL6A protein, T7-tagged

Cat. No. ACTL6A-139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACTL6A protein fused with 15aa (T7) at N-terminal, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQENGRGEFSGGVYGGDEVGALVFDIGSYTVRAGYAGEDCPKVDFTAI GMVVERDDGSTLMEIDGDKG KQGGPTYIIDTNALRVPRENMEAISPLKNGMVEDW DSFQAILDHTYKMHVKSEASLHPVLMSEAPWNTRAKREKL TELMFEHYNIPAFFLCK TAVLTAFANGRSTGLILDSGATHHTAIPVHDGYVLQQGIVKSPLAGDFITMQCRELFQ EMNIELVPPYMIASKEAVREGSPANWKRKEKLPQVTRSWHNYMCNCVIQDFQASVL QVSDSTYDEQVAAQMPTVH YEFPNGYNCDFGAERLKIPEGLFDPSNVKGLSGNTM LGVSHVVTTSVGMCDIDIRPGLYGSVIVAGGNTLIQSFT DRLNRELSQKTPPSMRLK LIANNTTVERRFSSWIGGSILASLGTFFQQMWISKQEYEEGGKQCVERKCP
Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for studying SWI/SNF-like BAF complex in vitro.2. Active recombinant protein, may be used for ELISA based DNA / protein binding assay.3. As specific protein substrate for kinase assay.4. As immunogen for specific antibody production.

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Storage Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name [ACTL6A actin-like 6A \[Homo sapiens \]](#)

Official Symbol [ACTL6A](#)

Synonyms ACTL6A; actin-like 6A; actin-like protein 6A; actin related protein 4; Actl6; Arp4; BAF complex 53 kDa subunit; BAF53A; Baf53a; BRG1 associated factor; ACTL6; ARPN-BETA;

Gene ID [86](#)

mRNA Refseq [NM_004301](#)

Protein Refseq [NP_004292](#)

MIM [604958](#)

UniProt ID [O96019](#)

Chromosome Location 3q26.33

Pathway C-MYC pathway, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; Validated targets of C-MYC transcriptional activation, organism-specific biosystem;

Function ATP binding; chromatin binding; protein binding; transcription coactivator activity;

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