

Recombinant Human ACTL7A protein, His-tagged

Cat. No. ACTL7A-9336H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTL7A protein(1-280 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-280 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MWAPPAAIMGDGPTKKVGNQAPLQTQALQTASLRDGPakraVWVRHTSSEPQEPT
 ESKAAKERPKQEVTKAVVVDLGTGYCKCGFAGLPRPTHKISTTVGKPYMETAKTGD
 NRKETFVGQELNNTNVHLKLVNPLRHGIIVDWDTVQDIWEYLFRQEMKIAPEEHAVL
 VSDPPLSPHTNREKYAEMLFEAFNTPAMHIAYQSRLSMYSYGRTSGLVVEVGHGVS
 YVVIPIYEGYPLPSITGRLDYAGSDLTAYLLGLLNSAGNEFTQDQMGIVEDIKKKCC

GENE INFORMATION

Gene Name [ACTL7A actin-like 7A \[Homo sapiens \]](#)

Official Symbol [ACTL7A](#)

Synonyms ACTL7A; actin-like 7A; actin-like protein 7A; actin-like 7-alpha; actin-like-7-alpha;

Gene ID [10881](#)

mRNA Refseq [NM_006687](#)

Protein Refseq [NP_006678](#)

MIM [604303](#)

UniProt ID [Q9Y615](#)

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SDS-PAGE

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