

Recombinant Human ACTC1 protein, GST-tagged

Cat. No. ACTC1-244H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTC1 protein(NP_005150)(1-50 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-50 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MCDDEETTALVCDNGSGLVKAGFAGDDAPRAVFP SIVGRPRHQGV MVMGMG
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

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GENE INFORMATION

Gene Name	ACTC1 actin, alpha, cardiac muscle 1 [Homo sapiens]
Official Symbol	ACTC1
Synonyms	ACTC1; actin, alpha, cardiac muscle 1; ACTC, actin, alpha, cardiac muscle; actin, alpha cardiac muscle 1; CMD1R; alpha-cardiac actin; ACTC; ASD5; CMH11; LVNC4;
Gene ID	70
mRNA Refseq	NM_005159
Protein Refseq	NP_005150
MIM	102540
UniProt ID	P68032

SDS-PAGE



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