

Recombinant Human ACTN3 protein

Cat. No. ACTN3-9342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTN3(325 to 608) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	325 to 608
Form	0.32% Tris HCl, 0.58% Sodium chloride
Molecular Mass	33 kDa
Applications	SDS-PAGE
Storage	Shipped at 4 centigrade. Store at -20 centigrade. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Concentration	Reconstitution Dependent
Reconstitution	Reconstitute with water to desired concentration.

GENE INFORMATION

Gene Name	ACTN3 actinin, alpha 3 [Homo sapiens]
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Official Symbol	ACTN3
Synonyms	ACTN3; actinin, alpha 3; alpha-actinin-3; F-actin cross-linking protein; alpha-actinin skeletal muscle; MGC117002; MGC117005;
Gene ID	89
mRNA Refseq	NM_001104
Protein Refseq	NP_001095
MIM	102574
UniProt ID	Q08043
Chromosome Location	11q13-q14
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell-Cell communication, organism-specific biosystem;
Function	actin binding; calcium ion binding; integrin binding; protein binding; protein homodimerization activity; structural constituent of muscle;