

## Recombinant Human ACTN3 protein, His/T7-tagged

Cat. No. ACTN3-9343H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ACTN3(Glu162ca.Lys416) fused with His/T7 tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu162ca.Lys416
<b>Molecular Mass</b>	Predicted Molecular Mass(KD): 33.8kDa;Accurate Molecular Mass(KD): 32kDa.
<b>Purity</b>	>98%
<b>Applications</b>	ELISA, IP, WB

### GENE INFORMATION

<b>Gene Name</b>	ACTN3 actinin, alpha 3 [ Homo sapiens ]
<b>Official Symbol</b>	ACTN3
<b>Synonyms</b>	ACTN3; actinin, alpha 3; alpha-actinin-3; F-actin cross-linking protein; alpha-actinin skeletal muscle; MGC117002; MGC117005;
<b>Gene ID</b>	89

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>mRNA Refseq</b>	NM_001104
<b>Protein Refseq</b>	NP_001095
<b>MIM</b>	
<b>UniProt ID</b>	Q08043
<b>Chromosome Location</b>	11q13-q14
<b>Pathway</b>	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;
<b>Function</b>	actin binding; calcium ion binding; integrin binding; protein binding; protein homodimerization activity; structural constituent of muscle;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA