Recombinant Human ACTB cell lysate

Cat. No. ACTB-20HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ACTB actin, beta [Homo sapiens]
Official Symbol	ACTB
Synonyms	ACTB; actin, beta; actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1; PS1TP5BP1;
Gene ID	60

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mRNA Refseq	NM_001101
Protein Refseq	NP_001092
MIM	102630
UniProt ID	P60709
Chromosome Location	7p22
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chaperonin-mediated protein folding, organism-specific biosystem;
Function	ATP binding; Tat protein binding; kinesin binding; nitric-oxide synthase binding; nucleotide binding; protein binding; protein kinase binding; structural constituent of cytoskeleton;

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