

RPCB1932

Product Information

Product SKU:	RPCB1932	Gene ID:	60	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	P60709
Purity:	> 90% by SDS-PAGE.		

Protein Information

Background: Actins are ubiquitous globular and highly conserved proteins that are involved in various types of cell motility, structure, and integrity. Three main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton, and as mediators of internal cell motility. ACTB is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to 4 others.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Beta-actin/ACTB Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <1EU/µg

Formulation: Supplied as a 0.2 µm filtered solution of 10mM Tris-HCl, 0.1% TritonX-100, 2mM DTT, 10% Glycerol, pH 8.0.

Storage: Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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