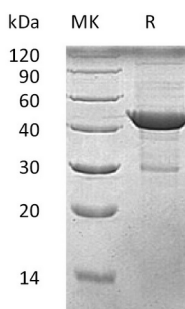


Product Name: Recombinant Human Beta-Actin (C-6His)
Catalog #: PEH0010

概述 (Summary)

英文全称	Actin, cytoplasmic 1/ACTB
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Beta-Actin is produced by our E.coli expression system and the target gene encoding Asp2-Phe375 is expressed with a 6His tag at the C-terminus.
Accession #	P60709
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	42.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 10mM Tris-HCl, 0.1% TritonX-100, 2mM DTT, 10% Glycerol, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Actin Cytoplasmic 1; Beta-Actin; ACTB

背景介绍 (References)

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.