Recombinant Human ACTB protein, His-tagged

Cat. No. ACTB-225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACTB(Met1-Phe375) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Phe375
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.
Form	10mM Tris-HCl, 0.1% TritonX-100, 2mM DTT, pH 8.0.
Molecular Mass	42.8 kDa
Endotoxin	< 0.1 EU per μg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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Concentration	>50 ug/mL as determined by microplate BCA method

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
mRNA Refseq	NM_001101
Protein Refseq	NP_001092
MIM	102630
UniProt ID	P60709

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