

Actin, cytoplasmic 1 protein Recombinant Protein | ACTB recombinant protein

Recombinant Human Actin, cytoplasmic 1 protein

CATALOG # AAA116203	HOST E Coli
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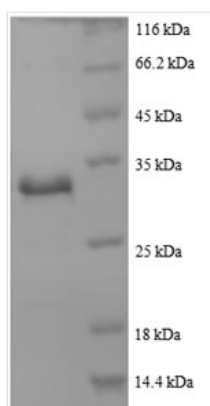
PRODUCT SYNONYMS

Actin; cytoplasmic 1 protein; Recombinant Human Actin; Beta-actin; ACTB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	102-375aa; Partial
Sequence	PVLLTEAPLN PKANREKMTQ IMFETFNTPA MYVAIQAVLS LYASGRRTGI VMDSGDGVTH TVPIYEGYAL PHAILRLDLA GRDLTDYLMK ILTERGYSFT TTAEREIVRD IKEKLCYVAL DFEQEMATAA SSSSLEKSYE LPDGQVITIG NERFRCPEAL FQPSFLGMES CGIHETTFNS IMKCDVDIRK DLYANTVLSG GTTMYPGIAD RMQKEITALA PSTMKIKIIA PPERKYSVWI GGSILASLST FQQMWISKQE YDESGPSIVH RKCF
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ACTB recombinant protein	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
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Product Categories/Family for ACTB recombinant protein	Signal Transduction
References	Evolutionary conservation in the untranslated regions of actin mRNAs DNA sequence of a human beta-actin cDNA.Ponte P., Ng S.Y., Engel J., Gunning P., Kedes L.Nucleic Acids Res. 12:1687-1696(1984) Molecular structure of the human cytoplasmic beta-actin gene interspecies homology of sequences in the introns.Nakajima-Iijima S., Hamada H., Reddy P., Kakunaga T.Proc. Natl. Acad. Sci. U.S.A. 82:6133-6137(1985) Direct proof that the primary site of action of cytochalasin on cell motility processes is actin.Ohmmori H., Toyama S., Toyama S.J. 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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101.3
UniProt Accession #	P60709; P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5
Molecular Weight	34.6 kDa
NCBI Official Full Name	actin, cytoplasmic 1
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1
UniProt Protein Name	Actin, cytoplasmic 1
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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