

ACTB recombinant protein

Recombinant Human ACTB Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263173	E. coli	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid in a 0.2 uM filtered solution of 10mM Tris-HCl, 0.1% TritonX-100, 2mM DTT, pH 8.0.
Sequence	DDDIAALVVD NGSGMCKAGF AGDDAPRAVF PSIVGRPRHQ GVMVGMGQKD SYVGDEAQS KRGILTLKYPI EHGIVTNWDD MEKIWHHTFY NELRVAPEEH 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 RKCFLHHHH HH
Applicable Applications for ACTB recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Quality Control	Endotoxin: Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Preparation and Storage	Store it at -20°C to -80°C for one year.

ADDITIONAL INFORMATION

Related Product Information for ACTB recombinant protein	Recombinant Human ACTB Protein 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.
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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
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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Online datasheet: <https://stage.aaabiotech.com/actb-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263173>