Beta-Actin (ACTB) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	beta-Actin (ACTB), Recombinant Protein
Full Product Name	Recombinant Human beta-Actin
Product Gene Name	ACTB recombinant protein
Product Synonym Names	A26C1A; A26C1B; ACTB; ACTB_HUMAN; Actin beta; Actin cytoplasmic 1; Actin; cytoplasmic 1; N-terminally processed; Actx; b actin; b-actin; Beta cytoskeletal actin; Beta-actin; BRWS1; E430023M04Rik; Melanoma X actin; MGC128179; PS1TP5 binding protein 1; PS1TP5BP1
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	375
Sequence Positions	14-167
Chromosome Location	Chromosome: 7; NC_000007.13 (5566779..5570232, complement). Location: 7p22
OMIM	102630
3D Structure	ModBase 3D Structure for P60709
Species	Human
Tag	N-terminal His-Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for ACTB recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for ACTB recombinant protein	MBS7613557 is a recombinant protein targeting ACTB. Also known as Recombinant Human beta-Actin. Host: E Coli.
Other Notes	Small volumes of ACTB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACTB. It may not necessarily be applicable to this product.

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
UniProt Primary Accession #	P60709
UniProt Secondary Accession #	P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5

UniProt Related Accession #	P60709
GenBank Nucleotide #	NM_001101.3
NCBI Official Full Name	actin, cytoplasmic 1
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
UniProt Protein Name	Actin, cytoplasmic 1
UniProt Synonym Protein Names	Beta-actin
Protein Family	Actin
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_HUMAN
NCBI Protein Information	actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/beta-actin/7613557