ACTN4 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	ACTN4, Monoclonal Antibody
Full Product Name	ACTN4 (Actinin, alpha 4, ActinIN-4, DKFZp686K23158, FSGS, FSGS1) (PE)
Product Gene Name	anti-ACTN4 antibody
Product Synonym Names	Actinin; alpha 4; ActinIN-4; DKFZp686K23158; FSGS; FSGS1
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1F20
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes ACTN4.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	105kDa
Immunogen	ACTN4 (NP_004915.2, 1aa-911aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVDYHAANQSYQYGPSSAGNGAGGGGSMGDYMAQEDDWDRDLLLDPAWEKQQRKTFTAWCNSHLRKAGTQIENIDEDFRDGLKLMLLLEVISGERLP
Conjugate	PE
Product Categories/Family for anti-ACTN4 antibody	Antibodies; Actin Related Proteins
Applications Tested/Suitable for anti-ACTN4 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-ACTN4 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ACTN4 antibody	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins
Other Notes	Small volumes of anti-ACTN4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for ACTN4 purchase	MBS6187807 is an antibody targeting ACTN4. Also known as ACTN4 (Actinin, alpha 4, ActinIN-4, DKFZp686K23158, FSGS, FSGS1) (PE). Host: Mou

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACTN4. It may not necessarily be applicable to this product.

NCBI GI #	12025678
NCBI GeneID	81
NCBI Accession #	NP_004915.2
UniProt Secondary Accession #	O76048; A4K467; D6PXK4
UniProt Related Accession #	O43707
GenBank Nucleotide #	NM_004924.4
NCBI Official Full Name	alpha-actinin-4
NCBI Official Synonym Full Names	actinin, alpha 4
NCBI Official Symbol	ACTN4
NCBI Official Synonym Symbols	FSGS; FSGS1; ACTININ-4
Protein Family	Alpha-actinin
NCBI Protein Information	alpha-actinin-4; actinin alpha4 isoform; non-muscle alpha-actinin 4; F-actin cross-linking protein; focal segmental glomerulosclerosis 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/monoclonal-antibody/actn4/6187807