Acrosome Formation-Associated Factor (AFAF) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acrosome formation-associated factor (AFAF), Recombinant Protein
Full Product Name	Recombinant Human Acrosome formation-associated factor (AFAF), partial
Product Gene Name	AFAF recombinant protein
Product Synonym Gene Name	AFAF
Sequence	ATLYKLRH LSYKSCESQY SVNPELATMS YFHPSEGVSD TSFSKSAESS TFLGTTSSDM RRSGTRTSES KIMTDIISIG SDNEMHENDE SVTR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	29,476 Da
Sequence Positions	203-294
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	617653
3D Structure	ModBase 3D Structure for Q9NQ60
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AFAF recombinant protein	MBS1331416 is a recombinant protein targeting AFAF. Also known as Recombinant Human Acrosome formation-associated factor (AFAF), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AFAF 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 AFAF. It may not necessarily be applicable to this product.

NCBI GI #	239582759
NCBI GeneID	54586
NCBI Accession #	NP_001155057.1
UniProt Primary Accession #	Q9NQ60
UniProt Secondary Accession #	Q5TCU1; Q96L22; B2RPB3; B7ZMK1

UniProt Related Accession #	Q9NQ60
GenBank Nucleotide #	NM_001161585.1
NCBI Official Full Name	equatorin isoform 2
NCBI Official Synonym Full Names	equatorin
NCBI Official Symbol	EQTN
NCBI Official Synonym Symbols	AFAF; SPACA8; C9orf11
UniProt Protein Name	Equatorin
UniProt Synonym Protein Names	Acrosome formation-associated factor
Protein Family	Dr hemagglutinin AFA-III operon regulatory protein
UniProt Gene Name	EQTN
UniProt Synonym Gene Names	AFAF; C9orf11
NCBI Protein Information	equatorin
UniProt Comments for AFAF	Acrosomal membrane-anchored protein involved in the process of fertilization and in acrosome biogenesis.
Research Articles on AFAF	**1.** A genome-wide association study finds that the chromosome 9p21 locus is a major cause of familial amyotrophic lateral sclerosis in the Finnish population.
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