Protein FAM154A (FAM154A) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein FAM154A (FAM154A), Recombinant Protein
Full Product Name	Recombinant Human Protein FAM154A (FAM154A)
Product Gene Name	FAM154A recombinant protein
Product Synonym Gene Name	FAM154A
Sequence	MKTKCICELC SCGRHHCPHL PTKIYDKTEK PCLLSEYTEN YPFYHSYLPR ESFKPRREYQ KGPIPMEGLT TSRRDFGPHK VAPVKVHQYD QFVPSEENMD LLTTYKKDYN PYPVCRVDPI KPRDSKYPCS DKMECLPTYK ADYLPWNQPR REPLRLEHKY QPASVRFDNR TTHQDDYPIK GLVKTISCKP LAMPKLCNIP LEDVTNYKMS YVAHPVEKRF VHEAEKFRPC EIPFESLTTQ KQSYRGLMGE PAKSLKPLAR PPGLDMPFCN TTEFRDKYQA WPMPRMFSKA PITYVPPEDR MDLLTTVQAH YTCPKGAPAQ SCRPALQIKK CGRFEGSSTT KDDYKQWSSM RTEPVKPVPQ LDLPTEPLDC LTTTRAHYVP HLPINTKSCK PHWSGPRGNV PVESQTTYTI SFTPKEMGRC LASYPEPPGY TFEEVDALGH RIYKPVSQAG SQQSSHLSVD DSENPNQREL EVLA
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	54,621 Da
Sequence Positions	1-474, Full length protein
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	616292
3D Structure	ModBase 3D Structure for Q8IYX7
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FAM154A recombinant protein	MBS1401675 is a recombinant protein targeting FAM154A. Also known as Recombinant Human Protein FAM154A (FAM154A). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FAM154A 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 FAM154A. It may not necessarily be applicable to this product.

NCBI GI #	559098458
NCBI GeneID	158297

NCBI Accession #	NP_001273978.1
UniProt Primary Accession #	Q8IYX7
UniProt Secondary Accession #	Q5VY58; A8K880
UniProt Related Accession #	Q8IYX7
GenBank Nucleotide #	NM_001287049.1
NCBI Official Full Name	stabilizer of axonemal microtubules 1 isoform b
NCBI Official Synonym Full Names	stabilizer of axonemal microtubules 1
NCBI Official Symbol	SAXO1
NCBI Official Synonym Symbols	FAM154A; C9orf138
UniProt Protein Name	Stabilizer of axonemal microtubules 1
UniProt Gene Name	SAXO1
UniProt Synonym Gene Names	C9orf138; FAM154A
NCBI Protein Information	stabilizer of axonemal microtubules 1
UniProt Comments for FAM154A	May play a role in the regulation of cilium length. Stabilizes microtubules at low temperature.
Research Articles on FAM154A	**1.** SAXO1 binds specifically to centriole and cilium microtubules.
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