Archaeal Actin Homolog (TV0640) Thermoplasma Volcanium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Archaeal actin homolog (TV0640), Recombinant Protein
Full Product Name	Recombinant Thermoplasma volcanium Archaeal actin homolog (TV0640)
Product Gene Name	TV0640 recombinant protein
Product Synonym Gene Name	TV0640
Sequence	MVVIGLDVGY GDTKVIGIDG KRIIFPSRWA VTETESWGIG GKIPVLSTDG GQTKFIYGRY ASGNNIRVPQ GDGRLASKEA FPLIAAALWE SGIHNDGSPV DLVIGSGTPL GTFDLEVKAA KEALENKILT VTGPEGEVRQ YNVTRLIMRP QGVGAALYLL NQGIIEQQPG YGVVIDVGSR TTDVLTINLM DMEPVVELSF SLQIGVGDAI SNLSRKIAKE TGFVVPFDLA QEALSKPVMF RQKQVGGPEV AGPILEDLAN RIIENIRLNL RGEVDRITSL IPVGGGANLI GDRFDEIAPG TTVRIKPEDL QFANALGYRD AAERSM
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	34,970 Da
Sequence Positions	1-326, 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.
3D Structure	ModBase 3D Structure for Q97B19
Species	Thermoplasma volcanium (strain 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TV0640 recombinant protein	MBS1425227 is a recombinant protein targeting TV0640. Also known as Recombinant Thermoplasma volcanium Archaeal actin homolog (TV0640). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TV0640 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 TV0640. It may not necessarily be applicable to this product.

NCBI GI #	499219359
NCBI Accession #	WP_010916899.1
UniProt Primary Accession #	Q97B19
GenBank Nucleotide #	WP_010916899.1
NCBI Official Full Name	hypothetical protein

UniProt Protein Name	Archaeal actin homolog
Protein Family	Archaeal actin
UniProt Gene Name	TV0640
UniProt Comments for TV0640	Polymerizes into bundles of filaments. Polymerization requires NTP and is optimal with ATP, but GTP, UTP, CTP, and even the deoxy form of NTP can also support the polymerization reaction ().
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